

## Workshare Compare Server 9.5.1 Rendering Set Guide

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# Chapter 1: Introducing Rendering Sets

This chapter introduces rendering sets.

#### What are Rendering Sets?

Rendering sets contain a set of parameters that define how changes are displayed in the redline (compared) document. Colors and different formats are used in the redline document to enable you to see the changes that have been made to the documents.

For example, the following indications can be used:

- Deletions in red with a strikethrough
- Insertions in <u>bright blue with a double underline</u>
- Moved or cut text in green with a strikethrough
- Pasted (copied) text in green with a double underline
- Moved deletions in salmon pink with a strikethrough

The colors and formats adopted depend on the rendering set applied to the comparison.

#### **Default Rendering Set**

Workshare Compare Server provides a number of preconfigured server-side rendering sets including a default set, called **No Images.set**, located in the Rendering Sets folder of the virtual directory. When a comparison is performed, this default rendering set is applied unless the client call specifies rendering parameters.

You can edit the default rendering set on the server and you can also create new rendering sets as required. In order to have an alternative rendering set applied instead of **No Images.set**, the client should call SetOptionSet to specify what the current server-side rendering set is before a comparison is performed.

## Chapter 2: Rendering Set Parameters

This chapter provides a detailed description of all the parameters included in rendering sets. The parameters are grouped into the following categories:

- Comparison Options, page 6
- Redline Options, page 7
- Readability Options, page 9
- Inserted Text Format, page 11
- Deleted Text Format, page 12
- Moved Text Format, page 14
- Font Change Format, page 15
- Style Change Format, page 16
- Table Cell Format, page 17
- Change Numbering Format, page 19
- WDF Creation Options, page 20

**Note:** The parameters ARE case sensitive and there must be no space between the parameter name and the value except the equals sign.

### **Comparison Options**

The Comparison Options category includes parameters that enable you to customize how the compare is performed.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Detect List Numbering	DETECT LIST NUMBERING CHANGES=#  If set, changes to automatically generated list numbers for numbered paragraphs are detected	1 = Set 0 = Not Set
Compare Headers/Footers	COMPARE HEADERS/FOOTERS=#  If set, the headers and footers in the original and modified documents are compared.	1 = Set 0 = Not Set
Compare Footnotes	COMPARE FOOTNOTES=#  If set, the footnotes in the original and modified documents are compared.	1 = Set 0 = Not Set
Compare at Char Level (words)	COMPARE AT CHARACTER LEVEL=#  If set, words that are only slightly different from each other are compared. For example, if banana has been changed to bananas - Workshare shows just an insertion of an s in the Redline document, rather than showing a deletion of banana and an insertion of bananas. This is intended to catch simple typing mistakes.	1 = Set 0 = Not Set
Compare at Char Level (numbers)	COMPARE NUMBERS AT CHARACTER LEVEL=# As above description, but compares numbers instead of characters.	1 = Set 0 = Not Set
Ignore Embedded Objects/Images	IGNORE EMBEDDED OBJECTS/IMAGES=#  If set, images are ignored while doing the comparison.	1 = Set 0 = Not Set

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Ignore Case Changes	IGNORE CASE CHANGES=#  If set, any case changes, for example, upper case to lower case, made in the modified document are ignored.	1 = Set 0 = Not Set
Ignore Text Boxes	IGNORE TEXT BOXES=#  If set, any text boxes in the modified document are ignored.	1 = Set 0 = Not Set
Ignore Field Codes	IGNORE FIELD CODES=#  If set, any field codes in the modified document are ignored.	1 = Set 0 = Not Set
Ignore Tables	IGNORE TABLES=#  If set, any tables in the modified document are ignored.	1 = Set 0 = Not Set
Compare Comments	COMPARE COMMENTS=#  If set, the comments in the original and modified documents are compared.	1 = Set 0 = Not Set
Compare Images	COMPARE IMAGES=#  If set, images in the original and modified documents are compared.  In order for images to be compared, you must ensure that the IGNORE EMBEDDED  OBJECTS/IMAGES parameter is NOT set.	1 = Set 0 = Not Set
Show Table Changes	SHOW TABLE CHANGES=#  If set, table content is compared.  If not set, all tables in the original will be shown as deleted and all tables in the modified will be shown as inserted.	1 = Set 0 = Not Set

### **Redline Options**

The Redline Options category includes parameters that enable you to customize how the redline document is displayed and what information is included with the redline document.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Include Redline Statistics	INCLUDE REDLINE STATISTICS=#  If set, statistics about the changes between the original and modified documents is displayed in the Redline document.	1 = Set 0 = Not Set
	REDLINE STATISTICS AT START OF DOCUMENT=#  You can select to display these statistics at the start of the document or at the end of the document.	1 = Start of Document 0 = End of Document
Include Redline Summary	INCLUDE REDLINE COMPARISON SUMMARY=#  If set, a summary of all the changes is displayed at the end of the Redline document. The changes are hyperlinked to take you directly to the change in the Redline document.	1 = Set 0 = Not Set
Include Redline Options Summary	INCLUDE REDLINE OPTIONS SUMMARY=#  If set, a summary of the options selected in the current rendering set is displayed at the end of the Redline document in the statistics report.	1 = Set 0 = Not Set
Display Workshare Footers	DISPLAY WORKSHARE COMPARE FOOTERS=# If set, details about the two documents being compared are displayed in the footer of the Redline document.	1 = Set 0 = Not Set
Show Moved Deletions	SHOW MOVED DELETIONS=#  If set, text that was deleted from a section of the document and then subsequently moved to a new location is indicated.	1 = Set 0 = Not Set

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Show Changes to Spaces	SHOW CHANGES TO SPACES=#  If set, any extra spaces that have been added to or deleted from the modified document are indicated.	1 = Set 0 = Not Set
Show Paragraph Changes	show paragraph changes=#  If set, paragraph markers (¶) of any extra paragraphs that have been added to or deleted from the modified document are displayed.	1 = Set 0 = Not Set

#### **Readability Options**

The Readability Options category includes a parameter that enables you to set at what point insertions and deletions should no longer be marked individually but marked as an entire paragraph deleted followed by an entire paragraph inserted. The deleted paragraph is as the paragraph appears in the original document and the inserted paragraph is as the paragraph appears in the modified document.

For example, the following paragraph showing numerous deletions and insertions is quite difficult to read:

DeltaView Redline with Table of Centents: (Vender)When perferming a redline where the decument centains an contents issue: An error occurs in the number of bullet points when DeltaView does a redline on a document where the table of contents is automatically generated Table of Centents, the DeltaView output does not number the sections properly. This happens in DeltaView or if the file format is \*.wdf. Werkeround: Save the redline Word, Workeround: Save the table of contents in as a new document or omail the redline as a Word document, it formats correctly. We are working with the vendor for a resolution DOC file and open it in Word before printing.

It would be much easier to read this paragraph if it was presented as the entire paragraph deleted followed by a new paragraph inserted, as follows:

DeltaView Redline with Table of Centents:

(Vendor)When performing a redline where the document centains an automatically generated Table of Centents, the DeltaView output does not number the sections properly. This happens in DeltaView or if the file format is \*.wdf. Workaround: Save the redline as a new document or email the redline as a Word document, it formats correctly. We are working with the vendor for a resolution.

**DeltaView Table of contents issue:** An error occurs in the number of bullet points when DeltaView does a redline on a document where the table of contents is automatically generated in Word. Workaround: Save the table of contents in as a DOC file and open it in Word before printing.

Obviously, if there were only a few deletions and insertions in a paragraph, then the first example is easy to read.

You can specify at what point Workshare no longer marks deletions and insertions individually but marks the entire paragraph as a deletion followed by the new paragraph as an insertion. You specify this by setting a readability percentage.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Minimum Percentage of Matched Text in a Paragraph	With threshold set at 10:  Workshare will mark insertions and deletions individually unless 90% of the paragraph has changed. In other words, in most circumstances paragraphs will be displayed in the same way as the first example shown previously. Only when more than 90% of the paragraph has changed will Workshare display the paragraph as the second example.  With threshold set at 50:  Workshare will mark insertions and deletions individually unless 50% of the paragraph has changed. In other words, paragraphs will be displayed in the same way as the first example shown previously unless more than 50% of the paragraph has changed.  With threshold set at 90:  Workshare will mark insertions and deletions individually unless 10% of the paragraph has changed. In other words, in most circumstances paragraphs will be displayed in the same way as the second example shown previously. Only when less than 10% of the paragraph has changed will Workshare display the paragraph as the first example.	0 - 100
N/A	If set, columns are not detected in PDF source documents. This prevents potential inaccuracies that may occur if columns are detected when there are none. With this parameter set, if text looks like columns, an alternate approach is used to lay it out (such as a table or tabs).  The default is off (0).	1 = Set 0 = Not Set

Workshare looks at each paragraph separately and assesses its readability according to the number of changes in the paragraph.

**Note:** When working with tables, Workshare does not treat the entire table as a paragraph. Each paragraph within each cell is treated separately.

Readability only applies to paragraphs that contain both inserted and deleted text because such paragraphs may be unclear whereas paragraphs with only insertions or deletions do not have such readability problems.

#### **Inserted Text Format**

The Inserted Text Format category includes parameters that enable you to customize how you would like inserted text to appear in the Redline document.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Text Color	INSERTED TEXT COLOR=# The color of inserted text.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Text Background	INSERTED TEXT BACKGROUND=# The color of the background of inserted text.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Text Format	INSERTED TEXT FORMAT=# The format of inserted text.	1 = Underline 2 = Bold 4 = Italic 8 = Strikethrough 16 = Superscript 32 = Subscript 256 = Double Underline 512 = Double Strikethrough
Surrounding Characters	INSERTED TEXT SURROUNDING START CHARACTER=# INSERTED TEXT SURROUNDING END CHARACTER=# A keyboard character to go before and after inserted text.	ASCII Character. Refer to Appendix B

#### **Deleted Text Format**

The Deleted Text Format category includes parameters that enable you to customize how you would like deleted text to appear in the Redline document.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Text Color	DELETED TEXT COLOR=# The color of deleted text.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Text Background	DELETED TEXT BACKGROUND=# The color of the background of deleted text.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Text Format	DELETED TEXT FORMAT=# The format of deleted text.	1 = Underline 2 = Bold 4 = Italic 8 = Strikethrough 16 = Superscript 32 = Subscript 256 = Double Underline 512 = Double Strikethrough
Replace Deletes with Single Character	REPLACE DELETED TEXT WITH A SINGLE CHARACTER=#  If set, deleted text is replaced with a single character. Specify the required character in the Deleted Text Replacement Character parameter. For example, if the word compare is deleted and the character specified is X, the word appears as X.	ASCII Character. Refer to Appendix B

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Replacement Character	DELETED TEXT REPLACEMENT CHARACTER=#  The character used to replace deleted text. If the Replace Deleted Text with a Single Character parameter is set, the deleted text is replaced with a single instance of the character specified. If the Replace Deleted Text with Single Character parameter is not set, each character in the deleted text is replaced with the character specified. For example, if the word "compare" is deleted and the character specified is X, the word appears as XXXXXXXX.	ASCII Character. Refer to Appendix B
Surrounding Characters	DELETED TEXT SURROUNDING START CHARACTER=# DELETED TEXT SURROUNDING END CHARACTER=# A keyboard character to go before and after deleted text.	ASCII Character. Refer to Appendix B
Include Deletions Summary	INCLUDE SUMMARY OF DELETIONS=#  If set, a summary of deletions is included with the Redline document.	1 = Set 0 = Not Set

#### **Moved Text Format**

The Moved Text Format category includes parameters that enable you to customize how you would like moved text to appear in the Redline document.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Show Movements in Redline Document	SHOW MOVEMENTS=#  If set, moved text is shown in the Redline document. If you leave this checkbox unchecked, then any text that has been moved is displayed the same as inserted and deleted text.	1 = Set 0 = Not Set
Text Color	MOVED TEXT COLOR=# The color of moved text.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Text Background	MOVED TEXT BACKGROUND=# The color of the background of moved text.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Text Format	MOVED SOURCE TEXT FORMAT=#  MOVED DESTINATION TEXT FORMAT=#  The format of moved text.	1 = Underline 2 = Bold 4 = Italic 8 = Strikethrough 16 = Superscript 32 = Subscript 256 = Double Underline 512 = Double Strikethrough
Surrounding Characters	MOVED SOURCE TEXT SURROUNDING START CHARACTER=#  MOVED SOURCE TEXT SURROUNDING END CHARACTER=#  MOVED DESTINATION TEXT SURROUNDING START CHARACTER=#  MOVED DESTINATION TEXT SURROUNDING END CHARACTER=#  A keyboard character to go before and after moved text.	ASCII Character. Refer to Appendix B

#### **Font Change Format**

The Font Change Format category includes parameters that enable you to customize how you would like any font changes to appear in the Redline document.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Show Font Changes	SHOW FONT CHANGES=#  If set, font changes are shown in the Redline document	1 = Set 0 = Not Set
Text Color	FONT CHANGE TEXT COLOR=# The color of font changes.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Text Background	FONT CHANGE TEXT BACKGROUND=# The color of the background of font changes.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Surrounding Characters	FONT CHANGE TEXT SURROUNDING START CHARACTER=#  FONT CHANGE TEXT SURROUNDING END CHARACTER=#  A keyboard character to go before and after font changes	ASCII Character. Refer to Appendix B

**Note:** Insertions and deletions override any font changes. For example, if the modified document has new inserted text in a different font, it appears as inserted text and not as font change text.

### **Style Change Format**

The Style Change Format category includes parameters that enable you to customize how you would like any style changes to appear in the Redline document.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Show Paragraph Style Changes	SHOW PARAGRAPH STYLE CHANGES=#  If set, paragraph style changes are shown in the Redline document.  Paragraph style changes are indicated in words, for example, normal to heading two.	1 = Set 0 = Not Set
Label Color	STYLE CHANGED LABEL COLOR=#  The color of text in paragraphs where the paragraph style has changed.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Show Character Style Changes	show character style changes=#  If set, character style changes are shown in the Redline document.	1 = Set 0 = Not Set
Text Color	STYLE CHANGED COLOR=# The color of character style changes.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Text Background	STYLE CHANGED BACKGROUND=# The color of the background of character style changes.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Text Format	STYLE CHANGED FORMAT=# The format of character style changes.	1 = Underline 2 = Bold 4 = Italic 8 = Strikethrough 16 = Superscript 32 = Subscript 256 = Double Underline 512 = Double Strikethrough

#### **Table Cell Format**

The Table Cell Format category includes parameters that enable you to customize how you would like any format changes in tables to appear in the Redline document.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Table Change Options	SHOW SURROUNDING CHARS IN TABLES=# The way changes are tables are indicated. SHOW ONLY THE MODIFIED TABLE=# The modified table is shown in the Redline document as a new table but it is shown as an insertion.	1 = Set 0 = Not Set
	Note: This option only works if Show table changes=0 and Show only the modified table=1	
	show only the modified table (UNMARKED) =#  The modified table is shown in the Redline document as a new table with no changes marked.	
	Note: This option only works if Show table changes=0, Show only the modified table=1 and Show only the modified table (unmarked)=1	
	If both show only the modified table and show only the modified table (Unmarked) are specified as 0 then the effect is that both the original and the modified tables are shown in the Redline document.	
Table Change Options	show surrounding chars in tables=# The way changes are tables are indicated.	1 = Set 0 = Not Set
Inserted Cell Color	TABLE CELL INSERTED COLOR=# The color of inserted cells.	Decimal. Convert RGB value to decimal.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
		Refer to Appendix C.
Deleted Cell Color	TABLE CELL DELETED COLOR=# The color of deleted cells.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Moved Cell Color	TABLE CELL MOVED COLOR=# The color of moved cells.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Merged Cell Color	TABLE CELL MERGED COLOR=# The color of merged cells.	Decimal. Convert RGB value to decimal. Refer to Appendix C.
Padding Cell Color	TABLE CELL PADDING COLOR=# The color of padding cells.	Decimal. Convert RGB value to decimal. Refer to Appendix C.

#### What are Padding Cells?

The padding cell exists in neither the original or modified version of the table, but is required in the Redline view of the table to allow it to be laid out correctly.

	20	ıa
Original T	ab	ıc

Cell 1	Cell 2	Cell 3
Cell 4	Cell 5	Cell 6

#### **Modified Table**

Cell 1	Cell 3
Cell A	Cell B
Cell 4	Cell 6

#### Rendered Table

Cell 1	Cell 2	Cell 3
Cell A	PADDED CELL	Cell B
Cell 4	Coll-5	Cell 6

#### **Change Numbering Format**

The Change Numbering Format category includes parameters that enable you to select whether change numbers are shown in the Redline document and, if so, how they appear.

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Show Change Numbering	SHOW CHANGE NUMBERING=#  If set, the number of the change is displayed next to each change in the Redline document.	1 = Set 0 = Not Set
Position Numbering Before Change	SHOW CHANGE NUMBERING BEFORE CHANGE=#  If set, the change number is displayed before the change. If not selected, the change number is displayed after the change lt is recommended to position the change number before the change as footnotes often appear after text. This reduces confusion.	1 = Set 0 = Not Set

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
Number Color	CHANGE NUMBER TEXT COLOR=# The color of change numbers.	Decimal. Convert RGB value to decimal. Refer to <i>Appendix C</i> .
Number Format	CHANGE NUMBER TEXT FORMAT=# The format of change numbers.	1 = Underline 2 = Bold 4 = Italic 8 = Strikethrough 16 = Superscript 32 = Subscript 256 = Double Underline 512 = Double Strikethrough

## **WDF Creation Options**

Workshare Compare Parameter	Workshare Compare Server Parameter and Description	Valid Parameter Values
OriginalDocld	The source of the original document used in the comparison, for example: file://c:\documents and settings\username\documents\test.doc	Text, any valid Workshare Document Id
ModifiedDocId	The source of the modified document used in the comparison.	Text, any valid Workshare Document Id

## Appendix A. Reports

This appendix describes the reports and statistics that are can be included with comparisons.

### **Document Comparison Report**

This report is displayed at the end of all Redline documents.

Document compa	rison by Workshare on 06 August 2014 18:02:45
Input:	
Document 1 ID F:\Documents\Compare-server\filesagrs\Sample Document OriginalFile.doc	
Description	Sample Document_OriginalFile.doc
Document 2 ID	F:\Documents\Compare-server\filesagrs\Sample Document_ModifiedFile.doc
Description	Sample Document_ModifiedFile.doc
Rendering set	SetWithSummaryOfDeletions
Legend:	
<u>Insertion</u>	
<del>Deletion</del>	
Moved from	
Moved to	
Style change	
Format change	
Moved deletion	
Inserted cell	
Deleted cell	
Moved cell	
Split/Merged cell	
Padding cell	

Document Comparison Report

#### **Redline Statistics**

If the parameter Include Redline Statistics is set, the following report is included in the Redline document.

Statistics:		
	Count	
Insertions		51
Deletions		47
Moved from		8
Moved to		8
Style change		0
Format changed		0
Total changes		114

Redline Statistics

### **Summary of Deletions**

If the parameter Include summary of deletions is set, the following report is included in the Redline document.

Summa	ary of deletions:
Docum	ent comparison done by Workshare on 06 August 2014 18:02:45
1	Sirs
3	The Lead Manager confirms that, in connection with the proposed issue of the Securities, it is aware of guidance relating to due diligence issued by the International Primary Market Association from time to time, which will be followed by it in connection with the proposed issue.
4	6.
5	7.
12	provide
14	3
15	3 If specific procedures and appropriate terms (e.g. as to timing and fees) are agreed between all parties, the accountants may undertake work in relation to these items.

Summary of Deletions

### **Redline Summary**

If the parameter Include Redline Comparison Summary is set, the following report is included in the Redline document.

Redline Summary:					
No.	Change	Text			
1	Insertion	Be great			
2	Deletion	\b(?:Moth+\s*.*\b			
3	Deletion	The First Manager and thein paragraph 2 below)			
4	Deletion	[Date]			
5	Change	"Dear Sirs, The Leadand the other Managers" changed to "The Lead Manager and the other Managers"			
6	Insertion	[Date]			
7	Insertion	Dear Boss,			
8-9	Change	"1. This naff letter sets out the" changed to "1. This arrangement letter sets out the"			
10-11	Change	"letter sets out the rangeof the work to" changed to "letter sets out the scopeof the work to"			
12-13	Change	"2. This arrangementto the directors of" changed to "2. This arrangementto the directors of"			

Redline Summary

#### **Redline Options**

If the parameter Include Redline Options Summary is set, the following report is included in the Redline document.

Redline options:				
	Status			
Redline Statistics at End of Document	ON			
Include Redline Comparison Summary	ON			
Show Line Numbering	OFF			
Show Change Numbers	OFF			
Show Change Bars On Left	ON			
Show Hidden Text	OFF			
Detect List Numbering Changes	ON			
Compare Headers/Footers	ON			
Compare Footnotes	ON			
Display Workshare Footers	ON			
Ignore Embedded Objects/Images	OFF			
Compare at Character Level	OFF			
Compare Numbers at Character Level	OFF			
Show Moved Deletions	OFF			
Show Changes to Spaces	OFF			
Show Paragraph Changes	OFF			
Ignore Case Changes	OFF			
Ignore Textboxes	OFF			
Ignore Field Codes	OFF			
Ignore Tables	OFF			

Redline Options

#### **Display Workshare Footers**

If the parameter <code>Display</code> Workshare <code>Compare</code> Footers is set, details of the compared document are displayed in the footer of each page of the Redline document.

1...... Workshare comparison of Sample Document\_OriginalFile.doc and Sample Document\_ModifiedFile.doc. Performed on 06/08/2014.

Sample Workshare Footer

## Appendix B. ASCII Character Codes

This is a list of the ASCII codes used when specifying rendering set parameters.

Code	Char								
33	!	52	4	71	G	90	Z	109	m
34	"	53	5	72	Н	91	[	110	n
35	#	54	6	73	I	92	\	111	0
36	\$	55	7	74	J	93	]	112	р
37	%	56	8	75	K	94	٨	113	q
38	&	57	9	76	L	95	_	114	r
39	•	58	:	77	М	96	`	115	S
40	(	59	•	78	N	97	а	116	t
41	)	60	<	79	0	98	b	117	u
42	*	61	=	80	Р	99	С	118	V
43	+	62	>	81	Q	100	d	119	W
44	,	63	?	82	R	101	е	120	х
45	-	64	@	83	S	102	f	121	у
46		65	Α	84	Т	103	g	122	Z
47	1	66	В	85	U	104	h	123	{
48	0	67	С	86	V	105	i	124	I
49	1	68	D	87	W	106	j	125	}
50	2	69	Е	88	Х	107	k	126	~
51	3	70	F	89	Y	108	I		

## Appendix C. Decimal Color Values

The following table provides sample decimal values for color parameters.

Color Name	Swatch	Hex Code	RGB Code	Decimal Value
black		#000000	rgb(0, 0, 0)	0
gray		#808080	rgb(128, 128, 128)	8421504
silver		#C0C0C0	rgb(192, 192, 192)	12632256
white		#FFFFF	rgb(255, 255, 255)	16777215
maroon		#800000	rgb(128, 0, 0)	128
red		#FF0000	rgb(255, 0, 0)	255
olive		#808000	rgb(128, 128, 0)	32896
yellow		#FFFF00	rgb(255, 255, 0)	65535
green		#008000	rgb(0, 128, 0)	32768
lime		#00FF00	rgb(0, 255, 0)	65280
teal		#008080	rgb(0, 128, 128)	8421376
aqua		#00FFFF	rgb(0, 255, 255)	16776960
navy		#000080	rgb(0, 0, 128)	8388608
blue		#0000FF	rgb(0, 0, 255)	16711680
purple		#800080	rgb(128, 0, 128)	8388736
fuchsia		#FF00FF	rgb(255, 0, 255)	16711935

**Note:** Workshare Compare Server utilizes Microsoft Access code values for the decimal values for color parameters, which can be calculated directly from the RGB code value as: **Decimal Value = R + (G \* 256) + (B \* 65536)** 

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