

# Converting Colors

Hex(758D54)

Have a look what the booklet for  
Hex(758D54) contains.

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**Color**

**Hex(758D54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	758D54
RGB	117, 141, 84
RGB Percent	46%, 55%, 33%
CMY	0.5412, 0.4471, 0.6706
CMYK	0.17, 0.00, 0.40, 0.45
HSL	85°, 25%, 44%
HSV	85°, 40%, 55%
XYZ	18.4612, 23.4718, 11.9450
YIQ	127.3260, 3.9930, -22.8150

# Conversions

## Conversions Part 2

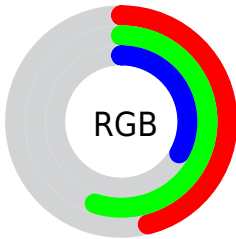
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 141, 108
Decimal	7703892
CIE <sub>Lab</sub>	55.55, -18.86, 27.63
CIE <sub>LCh</sub>	56, 33.453, 124.323
Yxy	23.4718, 0.3426, 0.4356
Android (android.graphics.Color)	4285893972 (0xFF758D54)
YUV	127.3260, -21.3597, -9.0559
Hunter-Lab	48.4477, -16.7651, 19.2951

# Details

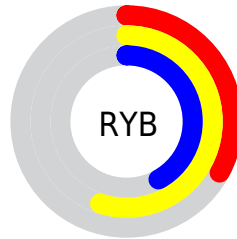
The Hex color **758D54** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6C548D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **AAC386**, and **435B25** is the 20% darker color. If you saturate the color by 10%, you get **6F8D46**, and if you desaturate by 10%, it is **7B8D62**.

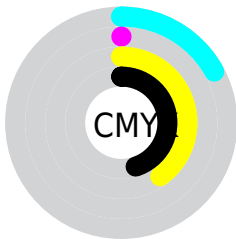
# Distribution



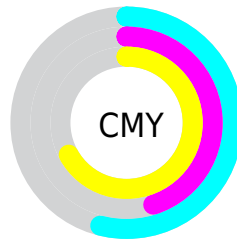
- Red (46%)
- Green (55%)
- Blue (33%)



- Red (33%)
- Yellow (55%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 758D54 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 758D54 by changing the saturation by 10% instead.



 758D54

 758D54

FFFFFF

 5C733C


 AAC386

 435B25

 C6DFA1

 2C430F

 E2FBBC

 172D00

 FFFFD8

 001A00

 FFFFF5

 000000

 758D54

 758D54

 6F8D46

 7B8D62

 698D38

 818D70

■ 638D2A

■ 878D7E

■ 5D8D1C

■ 8D8D8C

■ 578D0E

■ 938D9B

■ 528D00

■ 998DA9

■ 9F8DB7

■ A48DC5

■ AA8DD3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94854A



758D54



51926B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



758D54



268FB9



BC6E82

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



758D54



6C548D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



AD729F



758D54



6187BF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



758D54



0093A5



8E7CB5



BB7266

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



758D54



34947E



8E7CB5



B96F8C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



758D54



AEB8A2



8D6C54



565C4F



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



758D54



92B85E



598D54



444740



4E8700



040800



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6C548D



845EB8



88548D



434047



390087



030008



# Previews

## White Background



This preview shows how the Hex color 758D54 looks on a white background.

## Color Contrast Check

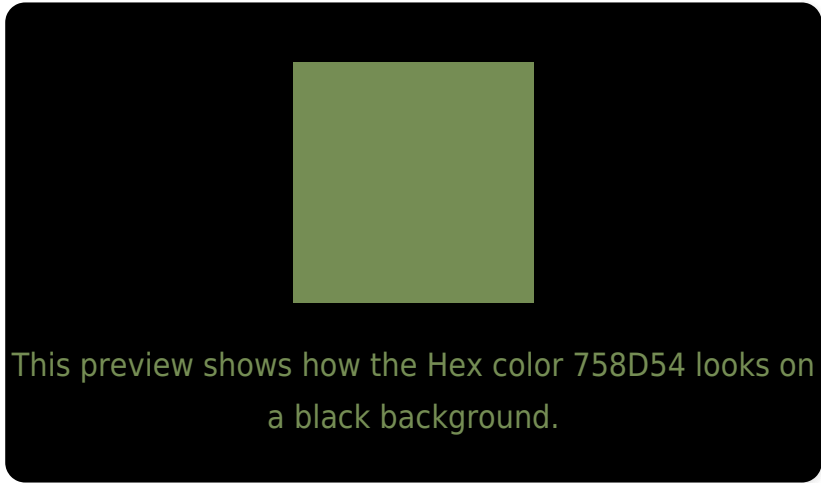
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

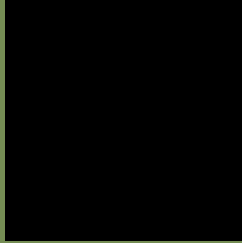
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 758D54 Background



This preview shows how black text looks on a background with the Hex color 758D54.



This preview shows how white text looks on a background with the Hex color 758D54.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
7D8690

# Trichromacy



**Original Color**  
758D54

**Protanomaly**  
878852

**Deuteranomaly**  
908456

**Tritanomaly**  
7A897A

# Monochromacy



**Original Color**  
758D54

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
7B846F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 758D54 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #758D54 looks like.

```
.text, #text, p{  
    color:#758D54  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #758D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758D54
}
```

## Border

The CSS property to change the border of an element to Hex 758D54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#758D54 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#758D54 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #758D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758D54; -webkit-box-shadow:4px 4px  
4px 4px #758D54; box-shadow:4px 4px 4px  
4px #758D54 }
```

# Background

The CSS property to change the background color of an element to Hex 758D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758D54 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#758D54 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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