

# Converting Colors

Hex(758F61)

Have a look what the booklet for  
Hex(758F61) contains.

<b>Hex(758F61)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(758F61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	758F61
RGB	117, 143, 97
RGB Percent	46%, 56%, 38%
CMY	0.5412, 0.4392, 0.6196
CMYK	0.18, 0.00, 0.32, 0.44
HSL	94°, 19%, 47%
HSV	94°, 32%, 56%
XYZ	19.3162, 24.2899, 14.9796
YIQ	129.9820, -0.7300, -19.8180

# Conversions

## Conversions Part 2

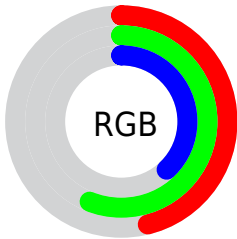
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 143, 123
Decimal	7704417
CIE <sub>Lab</sub>	56.38, -18.00, 21.54
CIE <sub>LCh</sub>	56, 28.073, 129.887
Yxy	24.2899, 0.3297, 0.4146
Android (android.graphics.Color)	4285894497 (0xFF758F61)
YUV	129.9820, -16.2601, -11.3852
Hunter-Lab	49.2848, -16.2886, 16.4788

# Details

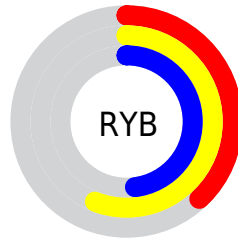
The Hex color **758F61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B618F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AAC594**, and **445D32** is the 20% darker color. If you saturate the color by 10%, you get **6D8F53**, and if you desaturate by 10%, it is **7D8F6F**.

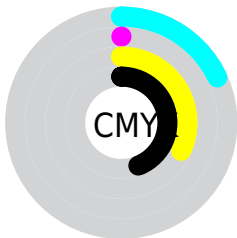
# Distribution



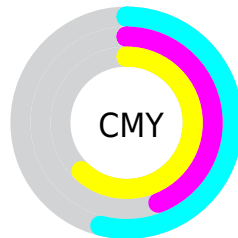
- Red (46%)
- Green (56%)
- Blue (38%)



- Red (38%)
- Yellow (56%)
- Blue (48%)



- Cyan (18%)
- Magenta (0%)
- Yellow (32%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 758F61 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 758F61 by changing the saturation by 10% instead.



 758F61

 758F61

FFFFFF

 5C7549

 AAC594

 445D32

 C5E1AF

 2D451C

 E1FECA

 172E04

 FEF FE6

 001B00

 000000

 758F61

 758F61

 6D8F53

 7D8F6F

 658F44

 858F7E

 5D8F36

 8D8F8C

 558F28

 958F9A

 4D8F19

 9D8FA9

 458F0B

 A58FB7

 3E8F00

 AE8FC5

 B68FD3

 BE8FE2

# Harmonies

## Analogous

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



908857



758F61



589376

# Triad

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



758F61



4C8EB4



B77580

# Complementary

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



758F61



7B618F

# 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.



AD7799



758F61



7287B7

# Square

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



758F61



3393A6



957EAD



B47869

# Rectangle

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



758F61



459486



957EAD



B57588



# Sweetspot

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



758F61



B0BAA8



8F7A61



585E53



DEDEDE



5E5E5E



# Same Dimension

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



758F61



91BA72



618F63



434740



3B8700



030800



# Inverse Universe

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



7B618F



9B72BA



8F618D



444047



4C0087



040008



# Previews

## White Background



This preview shows how the Hex color 758F61 looks on a white background.

## Color Contrast Check

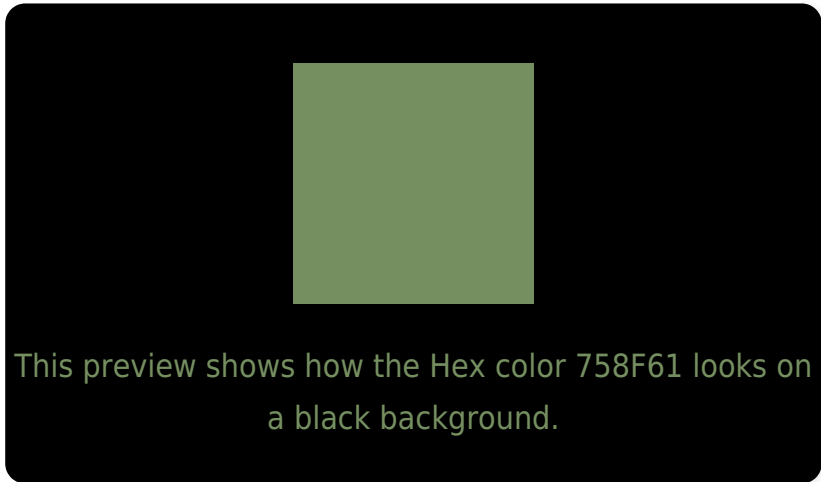
Large Text (above 18pt) WCAG AA ✓ Pass

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

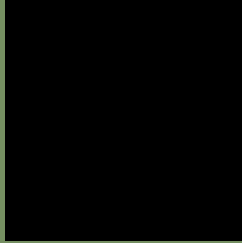
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 758F61 Background



This preview shows how black text looks on a background with the Hex color 758F61.



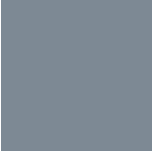
This preview shows how white text looks on a background with the Hex color 758F61.

# 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**  
7D8994

# Trichromacy



**Original Color**  
758F61

**Protanomaly**  
878A5F

**Deuteranomaly**  
908663

**Tritanomaly**  
7A8B81

# Monochromacy



**Original Color**  
758F61

**Achromatopsia**  
828282

**Achromatomaly**  
7D8776

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 758F61 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 #758F61 looks like.

```
.text, #text, p{  
    color:#758F61  
}
```

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 #758F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758F61
}
```

## Border

The CSS property to change the border of an element to Hex 758F61 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
#758F61 }
```

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

```
.border{ border-color:#758F61 }
```

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

Here you see how a box with a 4 pixel #758F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758F61; -webkit-box-shadow:4px 4px  
4px 4px #758F61; box-shadow:4px 4px 4px  
4px #758F61 }
```

# Background

The CSS property to change the background color of an element to Hex 758F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758F61 }
```

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

```
.background{ background-color:#758F61 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor