

Converting Colors

Hex(768F5B)

Have a look what the booklet for
Hex(768F5B) contains.

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Color

Hex(768F5B)

Conversions

Conversions Part 1

Format	Color
Hex	768F5B
RGB	118, 143, 91
RGB Percent	46%, 56%, 36%
CMY	0.5373, 0.4392, 0.6431
CMYK	0.17, 0.00, 0.36, 0.44
HSL	89°, 22%, 46%
HSV	89°, 36%, 56%
XYZ	19.1820, 24.2518, 13.5676
YIQ	129.5970, 1.7920, -21.4720

Conversions

Conversions Part 2

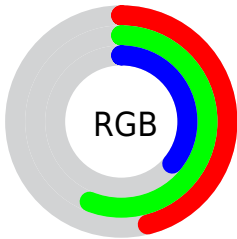
Format	Color
R_{YB}	91, 143, 116
Decimal	7769947
CIE _{Lab}	56.34, -18.52, 24.83
CIE _{LCh}	56, 30.975, 126.724
Yxy	24.2518, 0.3365, 0.4255
Android (android.graphics.Color)	4285960027 (0xFF768F5B)
YUV	129.5970, -19.0283, -10.1706
Hunter-Lab	49.2461, -16.6527, 18.1375

Details

The Hex color **768F5B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **745B8F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ABC58E**, and **445D2C** is the 20% darker color. If you saturate the color by 10%, you get **6F8F4D**, and if you desaturate by 10%, it is **7D8F69**.

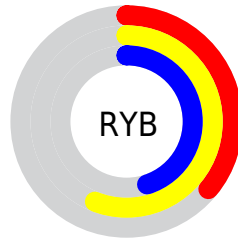
Distribution



Red (46%)

Green (56%)

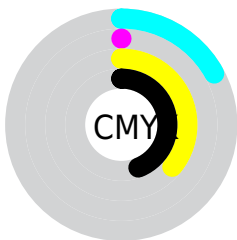
Blue (36%)



Red (36%)

Yellow (56%)

Blue (45%)

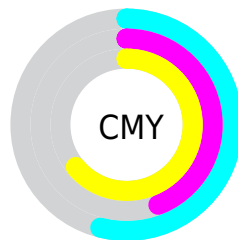


Cyan (17%)

Magenta (0%)

Yellow (36%)

Black (44%)



Cyan (54%)

Magenta (44%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768F5B 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 768F5B by changing the saturation by 10% instead.

 768F5B

 768F5B

FFFFFF

 5D7543

 ABC58E

 445D2C

 C6E1A8

 2D4516

 E3FEC4

 182E00

 FFFF00

 001B00

FFFFFFD

 000000

 768F5B

 768F5B

 6F8F4D

 7D8F69

 688F3E

 848F78

 618F30

 8B8F86

 5A8F22

 928F94

 548F13

 988FA3

 4D8F05

 9F8FB1

 4A8F00

 A68FBF

 AD8FCD

 B48FDC

Harmonies

Analogous

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



938751



768F5B



559471

Triad

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



768F5B



3C90B8



BB7282

Complementary

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



768F5B



745B8F

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.



AE759D



768F5B



6A88BC

Square

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



768F5B



1A94A6



927EB2



B97668

Rectangle

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



768F5B



3D9583



927EB2



B8728B

Sweetspot

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



768F5B



B0BAA6



8F735B



585E52



DEDEDE



5E5E5E

Same Dimension

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



768F5B



93BA68



5D8F5B



444740



468700



040800

Inverse Universe

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



745B8F



9068BA



8D5B8F



444047



410087



040008

Previews

White Background



This preview shows how the Hex color 768F5B looks on a white background.

Color Contrast Check

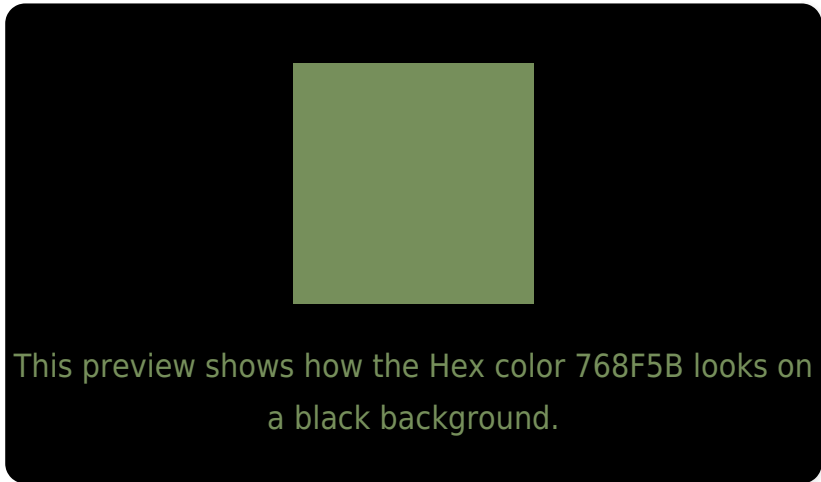
Large Text (above 18pt) WCAG AA ✓ Pass

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

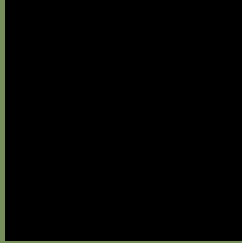
Any Text WCAG AA ✓ Pass

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 768F5B Background



This preview shows how black text looks on a background with the Hex color 768F5B.



This preview shows how white text looks on a background with the Hex color 768F5B.

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
7E8893

Trichromacy



Original Color
768F5B

Protanomaly
888A59

Deuteranomaly
91865D

Tritanomaly
7B8B7F

Monochromacy



Original Color
768F5B

Achromatopsia
828282

Achromatomaly
7E8774

CSS Examples

Text

The CSS property to change the color of the text to Hex 768F5B 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 #768F5B looks like.

```
.text, #text, p{  
    color:#768F5B  
}
```

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 #768F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768F5B
}
```

Border

The CSS property to change the border of an element to Hex 768F5B 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
#768F5B }
```

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

```
.border{ border-color:#768F5B }
```

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

Here you see how a box with a 4 pixel #768F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768F5B; -webkit-box-shadow:4px 4px  
4px 4px #768F5B; box-shadow:4px 4px 4px  
4px #768F5B }
```

Background

The CSS property to change the background color of an element to Hex 768F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768F5B }
```

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

```
.background{ background-color:#768F5B }
```

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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