

# Converting Colors

Hex(768F61)

Have a look what the booklet for  
Hex(768F61) contains.

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**Color**

**Hex(768F61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	768F61
RGB	118, 143, 97
RGB Percent	46%, 56%, 38%
CMY	0.5373, 0.4392, 0.6196
CMYK	0.17, 0.00, 0.32, 0.44
HSL	93°, 19%, 47%
HSV	93°, 32%, 56%
XYZ	19.4513, 24.3595, 14.9859
YIQ	130.2810, -0.1340, -19.6060

# Conversions

## Conversions Part 2

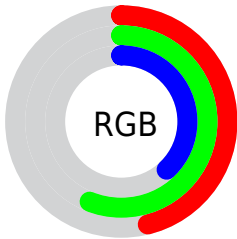
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 143, 122
Decimal	7769953
CIE <sub>Lab</sub>	56.45, -17.62, 21.65
CIE <sub>LCh</sub>	56, 27.908, 129.141
Yxy	24.3595, 0.3308, 0.4143
Android (android.graphics.Color)	4285960033 (0xFF768F61)
YUV	130.2810, -16.4075, -10.7704
Hunter-Lab	49.3554, -16.0237, 16.5464

# Details

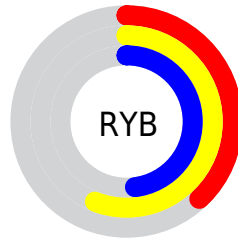
The Hex color **768F61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7A618F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ABC594**, and **455D32** is the 20% darker color. If you saturate the color by 10%, you get **6E8F53**, and if you desaturate by 10%, it is **7E8F6F**.

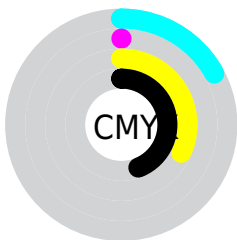
# Distribution



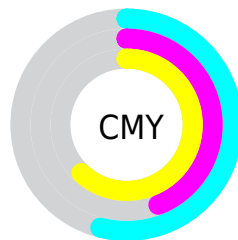
- Red (46%)
- Green (56%)
- Blue (38%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (44%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 768F61 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 768F61 by changing the saturation by 10% instead.





768F61



768F61

FFFFFF



5D7549



ABC594



455D32



C6E1AF



2D451C



E2FECA



182E04



FFFFE6



001B00



000000



768F61



768F61



6E8F53



7E8F6F



668F44



868F7E

 5F8F36

 8D8F8C

 578F28

 958F9A

 4F8F19

 9D8FA9

 478F0B

 A58FB7

 418F00

 AC8FC5

 B48FD3

 BC8FE2

# Harmonies

## Analogous

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



918857



768F61



599375

# Triad

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



768F61



4C8FB4



B77581

# Complementary

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



768F61



7A618F

# 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.



AC7799



768F61



7287B7

# Square

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



768F61



3493A5



947EAD



B4796A

# Rectangle

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



768F61



469586



947EAD



B57589



# Sweetspot

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



768F61



B0BAA8



8F7A61



585E53



DEDEDE



5E5E5E



# Same Dimension

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



768F61



93BA72



618F63



444740



3E8700



030800



# Inverse Universe

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



7A618F



9972BA



8F618D



444047



490087



040008



# Previews

## White Background



This preview shows how the Hex color 768F61 looks on a white background.

## Color Contrast Check

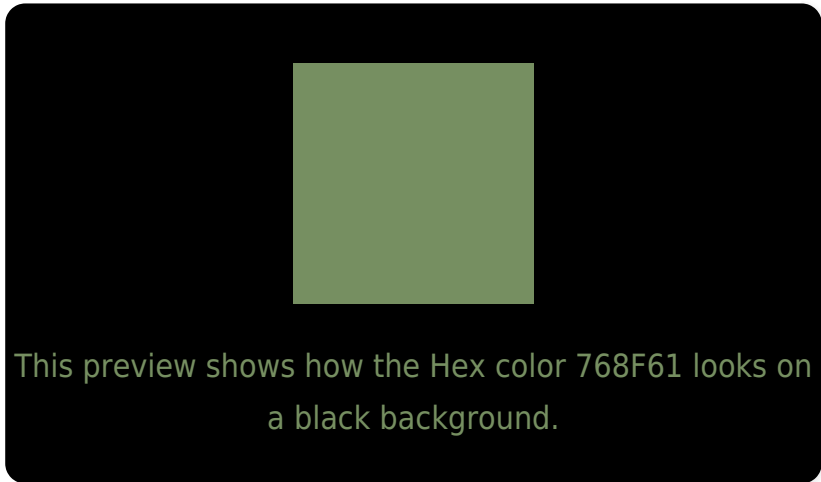
Large Text (above 18pt) WCAG AA ✓ Pass

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

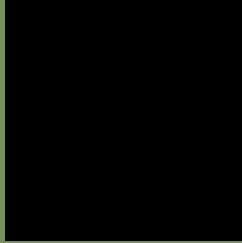
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 768F61 Background



This preview shows how black text looks on a background with the Hex color 768F61.



This preview shows how white text looks on a background with the Hex color 768F61.

# 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



**Original Color**  
768F61

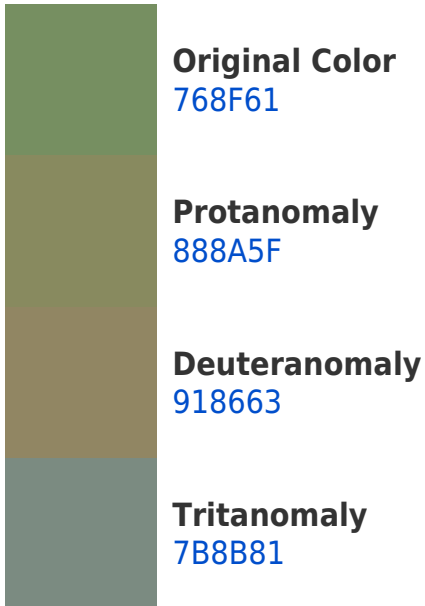
**Protanopia**  
92875E

**Deuteranopia**  
A08164

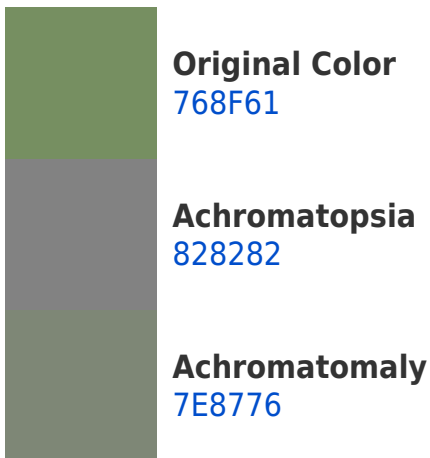


**Tritanopia**  
7E8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 768F61 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 #768F61 looks like.

```
.text, #text, p{  
    color:#768F61  
}
```

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 #768F61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768F61  
}
```

## Border

The CSS property to change the border of an element to Hex 768F61 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  
#768F61 }
```

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

```
.border{ border-color:#768F61 }
```

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

Here you see how a box with a 4 pixel #768F61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768F61; -webkit-box-shadow:4px 4px  
4px 4px #768F61; box-shadow:4px 4px 4px  
4px #768F61 }
```

# Background

The CSS property to change the background color of an element to Hex 768F61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768F61 }
```

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

```
.background{ background-color:#768F61 }
```

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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