

# Converting Colors

Hex(677F50)

Have a look what the booklet for  
Hex(677F50) contains.

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# Color

**Hex(677F50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	677F50
RGB	103, 127, 80
RGB Percent	40%, 50%, 31%
CMY	0.5961, 0.5020, 0.6863
CMYK	0.19, 0.00, 0.37, 0.50
HSL	91°, 23%, 41%
HSV	91°, 37%, 50%
XYZ	14.6309, 18.6415, 10.4165
YIQ	114.4660, 0.7830, -19.7050

# Conversions

## Conversions Part 2

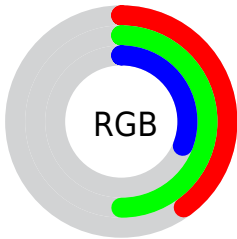
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 127, 104
Decimal	6782800
CIE <sub>Lab</sub>	50.27, -17.66, 22.78
CIE <sub>LCh</sub>	50, 28.822, 127.784
Yxy	18.6415, 0.3349, 0.4267
Android (android.graphics.Color)	4284972880 (0xFF677F50)
YUV	114.4660, -16.9917, -10.0557
Hunter-Lab	43.1758, -15.0699, 15.9189

# Details

The Hex color **677F50** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **68507F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9BB482**, and **374E22** is the 20% darker color. If you saturate the color by 10%, you get **617F43**, and if you desaturate by 10%, it is **6D7F5D**.

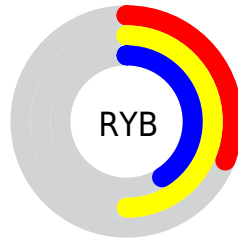
# Distribution



Red (40%)

Green (50%)

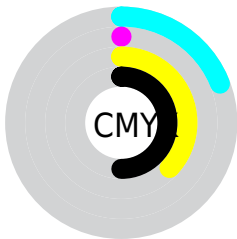
Blue (31%)



Red (31%)

Yellow (50%)

Blue (41%)

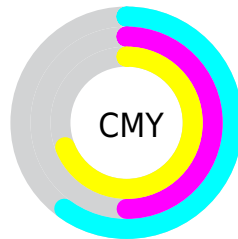


Cyan (19%)

Magenta (0%)

Yellow (37%)

Black (50%)



Cyan (60%)

Magenta (50%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677F50 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 677F50 by changing the saturation by 10% instead.





677F50



677F50

FFFFFF



4E6639



9BB482



374E22



B6CF9C



20370D



D2ECB7



0B2100



EEFFD3



000200



FFFFEF



000000



677F50



677F50



617F43



6D7F5D



5A7F37



747F69

■ 547F2A

■ 7A7F76

■ 4D7F1D

■ 817F83

■ 477F10

■ 877F90

■ 407F04

■ 8E7F9C

■ 3E7F00

■ 947FA9

■ 9B7FB6

■ A17FC2

# Harmonies

## Analogous

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



827846



677F50



498364

# Triad

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



677F50



347FA4



A76572

# Complementary

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



677F50



68507F

# 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.



9C678B



677F50



5F78A8

# Square

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



677F50



108495



836F9E



A5685B

# Rectangle

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



677F50



338575



836F9E



A5657A



# Sweetspot

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



677F50



9CA694



7F6850



4F5449



D4D4D4



545454



# Same Dimension

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



677F50



81A65D



507F50



3C4039



3E8000



000000



# Inverse Universe

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



68507F



825DA6



7F507F



3D3940



410080



000000



# Previews

## White Background



This preview shows how the Hex color 677F50 looks on a white background.

## Color Contrast Check

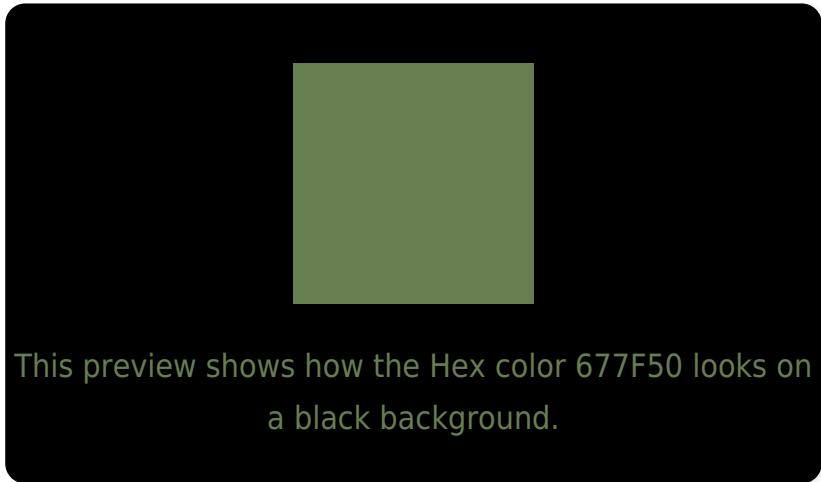
Large Text (above 18pt) WCAG AA ✓ Pass

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

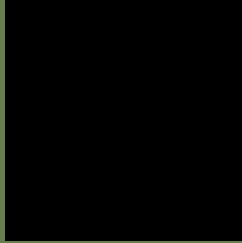
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 677F50 Background



This preview shows how black text looks on a background with the Hex color 677F50.



This preview shows how white text looks on a background with the Hex color 677F50.

# 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**  
677F50

**Protanopia**  
82774D

**Deuteranopia**  
8E7253

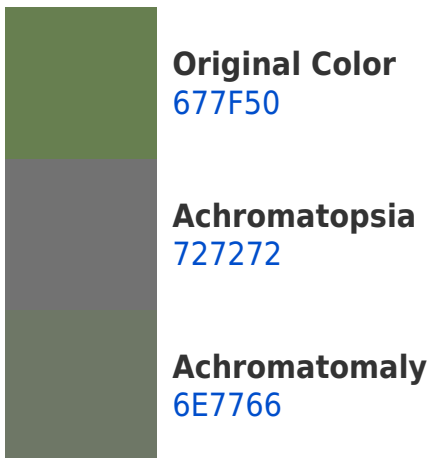


**Tritanopia**  
6E7982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677F50 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 #677F50 looks like.

```
.text, #text, p{  
    color:#677F50  
}
```

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 #677F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677F50
}
```

## Border

The CSS property to change the border of an element to Hex 677F50 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
#677F50 }
```

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

```
.border{ border-color:#677F50 }
```

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

Here you see how a box with a 4 pixel #677F50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677F50; -webkit-box-shadow:4px 4px  
4px 4px #677F50; box-shadow:4px 4px 4px  
4px #677F50 }
```

# Background

The CSS property to change the background color of an element to Hex 677F50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677F50 }
```

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

```
.background{ background-color:#677F50 }
```

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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