

# Converting Colors

Hex(677767)

Have a look what the booklet for  
Hex(677767) contains.

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# Color

**Hex(677767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	677767
RGB	103, 119, 103
RGB Percent	40%, 47%, 40%
CMY	0.5961, 0.5333, 0.5961
CMYK	0.13, 0.00, 0.13, 0.53
HSL	120°, 7%, 44%
HSV	120°, 13%, 47%
XYZ	14.6385, 17.0565, 15.3527
YIQ	112.3920, -4.4000, -8.3680

# Conversions

## Conversions Part 2

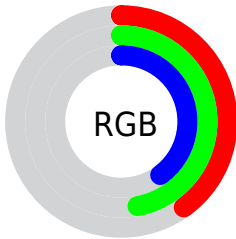
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 119, 119
Decimal	6780775
CIE Lab	48.33, -9.28, 6.82
CIE LCh	48, 11.513, 143.680
Yxy	17.0565, 0.3111, 0.3625
Android (android.graphics.Color)	4284970855 (0xFF677767)
YUV	112.3920, -4.6303, -8.2368
Hunter-Lab	41.2995, -9.0052, 6.8692

# Details

The Hex color **677767** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776777**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9AAB9A**, and **384738** is the 20% darker color. If you saturate the color by 10%, you get **5B775B**, and if you desaturate by 10%, it is **737773**.

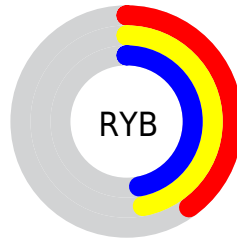
# Distribution



Red (40%)

Green (47%)

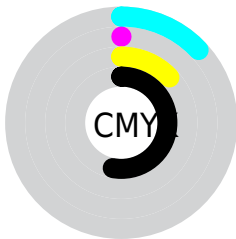
Blue (40%)



Red (40%)

Yellow (47%)

Blue (47%)

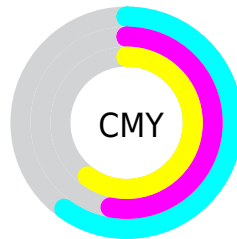


Cyan (13%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (60%)

Magenta (53%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677767 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 677767 by changing the saturation by 10% instead.





677767



677767

FFFFFF



4F5E4F



9AAB9A



384738



B5C7B5



223023



D1E3D0



0E1B0D



EDFFED



000000



677767



677767



5B775B



737773



4F774F



7F777F



437743



8B778B

■ 377737

■ 977797

■ 2C772C

■ A377A3

■ 207720

■ AE77AE

■ 147714

■ BA77BA

■ 087708

■ C677C6

■ 007700

■ D277D2

# Harmonies

## Analogous

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



727561



677767



5E7870

# Triad

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



677767



667486



876C6B

# Complementary

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



677767



776777

# 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.



856C75



677767



727184

# Square

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



677767



5C7782



7E6E7E



846E63

# Rectangle

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



677767



5A7877



7E6E7E



876C6F



# Sweetspot

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



677767



959C95



777767



4B4F4B



CFCFCF



4F4F4F



# Same Dimension

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



677767



839C83



67776F



353B35



007A00



00FA00



# Inverse Universe

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



776777



9C839C



77676F



3B353B



7A007A

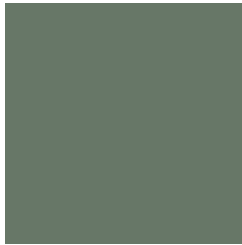


FA00FA



# Previews

## White Background



This preview shows how the Hex color 677767 looks on a white background.

## Color Contrast Check

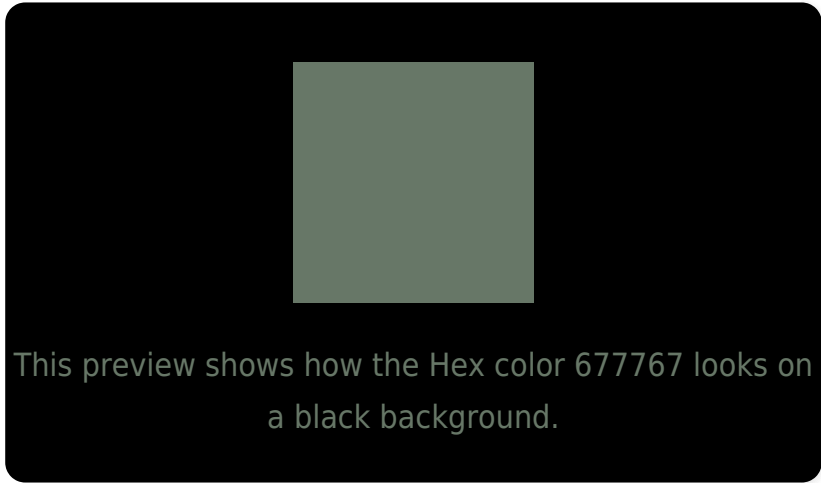
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

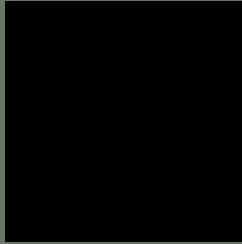
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 677767 Background



This preview shows how black text looks on a background with the Hex color 677767.

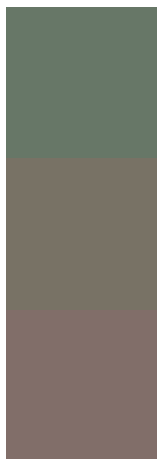


This preview shows how white text looks on a background with the Hex color 677767.

# 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**  
677767

**Protanopia**  
787265

**Deuteranopia**  
816E69



**Tritanopia**  
6B747D

# Trichromacy



**Original Color**  
677767

**Protanomaly**  
727466

**Deuteranomaly**  
787168

**Tritanomaly**  
6A7575

# Monochromacy



**Original Color**  
677767

**Achromatopsia**  
707070

**Achromatomaly**  
6D736D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677767 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 #677767 looks like.

```
.text, #text, p{  
    color:#677767  
}
```

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 #677767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677767  
}
```

## Border

The CSS property to change the border of an element to Hex 677767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

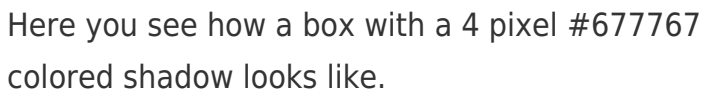
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#677767 }
```

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

```
.border{ border-color:#677767 }
```

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



Here you see how a box with a 4 pixel #677767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677767; -webkit-box-shadow:4px 4px  
4px 4px #677767; box-shadow:4px 4px 4px  
4px #677767 }
```

# Background

The CSS property to change the background color of an element to Hex 677767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677767 }
```

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

```
.background{ background-color:#677767 }
```

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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