

# Converting Colors

Hex(677764)

Have a look what the booklet for  
Hex(677764) contains.

<b>Hex(677764)</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(677764)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	677764
RGB	103, 119, 100
RGB Percent	40%, 47%, 39%
CMY	0.5961, 0.5333, 0.6078
CMYK	0.13, 0.00, 0.16, 0.53
HSL	111°, 9%, 43%
HSV	111°, 16%, 47%
XYZ	14.4906, 16.9973, 14.5737
YIQ	112.0500, -3.4370, -9.3010

# Conversions

## Conversions Part 2

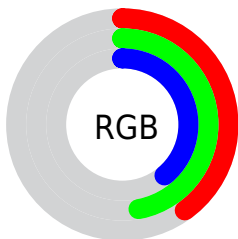
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 119, 116
Decimal	6780772
CIE Lab	48.26, -9.86, 8.48
CIE LCh	48, 13.007, 139.300
Yxy	16.9973, 0.3146, 0.3690
Android (android.graphics.Color)	4284970852 (0xFF677764)
YUV	112.0500, -5.9406, -7.9368
Hunter-Lab	41.2278, -9.4101, 7.9010

# Details

The Hex color **677764** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746477**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9AAB97**, and **384735** is the 20% darker color. If you saturate the color by 10%, you get **5D7758**, and if you desaturate by 10%, it is **717770**.

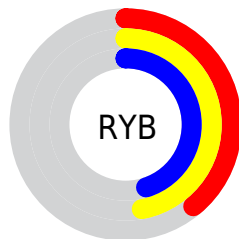
# Distribution



Red (40%)

Green (47%)

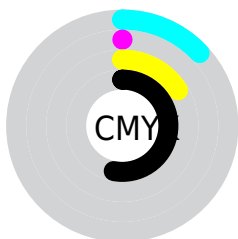
Blue (39%)



Red (39%)

Yellow (47%)

Blue (45%)

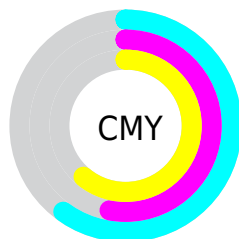


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (53%)



Cyan (60%)

Magenta (53%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677764 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 677764 by changing the saturation by 10% instead.



677764

677764

FFFFFF

4F5E4C

9AAB97

384735

B5C7B2

223020

D1E3CD

0E1B09

EDFFE9

000000

677764

677764

5D7758

717770

53774C

7B777C

497740

857788

 3F7734

 8F7794

 357729

 9977A0

 2B771D

 A377AB

 217711

 AD77B7

 177705

 B777C3

 137700

 C177CF

# Harmonies

## Analogous

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



74745E



677764



5C796E

# Triad

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



677764



617588



8A6B6C

# Complementary

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



677764



746477

# 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.



866B77



677764



707187

# Square

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



677764



577883



7D6E81



876D62

# Rectangle

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



677764



577976



7D6E81



896B6F



# Sweetspot

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



677764



959C94



777464



4B4F4A



CFCFCF



4F4F4F



# Same Dimension

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



677764



839C7E



64776A



363B35



137A00



27FA00



# Inverse Universe

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



746477



977E9C



776471



3A353B



67007A

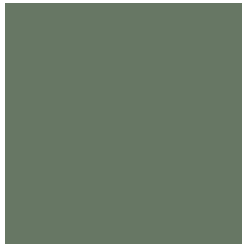


D200FA



# Previews

## White Background



This preview shows how the Hex color 677764 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

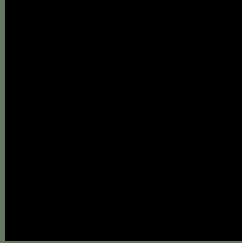
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 677764 Background



This preview shows how black text looks on a background with the Hex color 677764.

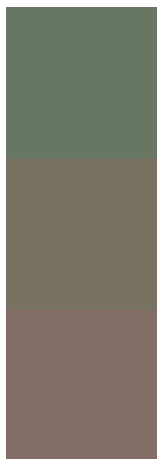


This preview shows how white text looks on a background with the Hex color 677764.

# 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**  
677764

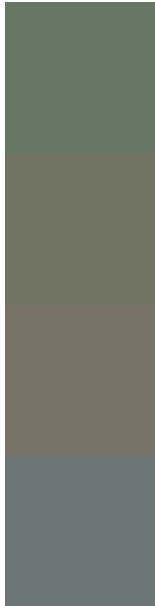
**Protanopia**  
787262

**Deuteranopia**  
826E66



**Tritanopia**  
6B747D

# Trichromacy



**Original Color**  
677764

**Protanomaly**  
727463

**Deuteranomaly**  
787165

**Tritanomaly**  
6A7574

# Monochromacy



**Original Color**  
677764

**Achromatopsia**  
707070

**Achromatomaly**  
6D736C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677764 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 #677764 looks like.

```
.text, #text, p{  
    color:#677764  
}
```

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 #677764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677764
}
```

## Border

The CSS property to change the border of an element to Hex 677764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

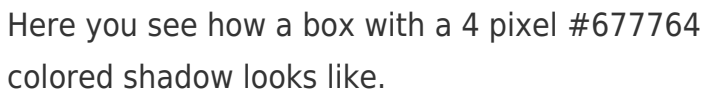
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#677764 }
```

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

```
.border{ border-color:#677764 }
```

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



Here you see how a box with a 4 pixel #677764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677764; -webkit-box-shadow:4px 4px  
4px 4px #677764; box-shadow:4px 4px 4px  
4px #677764 }
```

# Background

The CSS property to change the background color of an element to Hex 677764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677764 }
```

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

```
.background{ background-color:#677764 }
```

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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