

Converting Colors

Hex(677B67)

Have a look what the booklet for
Hex(677B67) contains.

Hex(677B67)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(677B67)

Conversions

Conversions Part 1

Format	Color
Hex	677B67
RGB	103, 123, 103
RGB Percent	40%, 48%, 40%
CMY	0.5961, 0.5176, 0.5961
CMYK	0.16, 0.00, 0.16, 0.52
HSL	120°, 9%, 44%
HSV	120°, 16%, 48%
XYZ	15.1247, 18.0288, 15.5147
YIQ	114.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

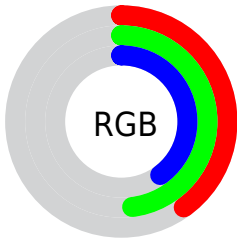
Format	Color
R_{YB}	103, 123, 123
Decimal	6781799
CIE Lab	49.53, -11.51, 8.52
CIE LCh	50, 14.324, 143.490
Yxy	18.0288, 0.3108, 0.3704
Android (android.graphics.Color)	4284971879 (0xFF677B67)
YUV	114.7400, -5.7878, -10.2960
Hunter-Lab	42.4603, -10.7225, 8.0580

Details

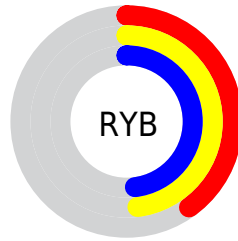
The Hex color **677B67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B677B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9AB09A**, and **384A38** is the 20% darker color. If you saturate the color by 10%, you get **5B7B5B**, and if you desaturate by 10%, it is **737B73**.

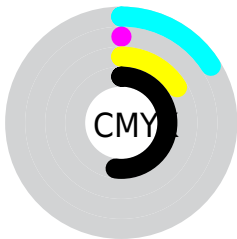
Distribution



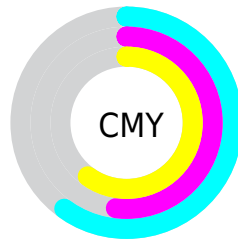
- Red (40%)
- Green (48%)
- Blue (40%)



- Red (40%)
- Yellow (48%)
- Blue (48%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (52%)



- Cyan (60%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677B67 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 677B67 by changing the saturation by 10% instead.



677B67



677B67

FFFFFF



4F624F



9AB09A



384A38



B5CBB5



223423



D1E7D0



0E1E0D



EDFFED



000000



677B67



677B67



5B7B5B



737B73



4E7B4E



807B80



427B42



8C7B8C

■ 367B36

■ 987B98

■ 2A7B2A

■ A57BA5

■ 1D7B1D

■ B17BB1

■ 117B11

■ BD7BBD

■ 057B05

■ C97BC9

■ 007B00

■ D67BD6

Harmonies

Analogous

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



75785F



677B67



5B7D73

Triad

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



677B67



65788E



8F6E6D

Complementary

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



677B67



7B677B

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.



8C6D79



677B67



75748C

Square

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



677B67



587B89



837084



8B7063

Rectangle

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



677B67



567D7B



837084



8F6D71

Sweetspot

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



677B67



99A199



7B7B67



4D524D



D1D1D1



525252

Same Dimension

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



677B67



81A181



677B71



373D37



007D00



00FC00

Inverse Universe

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



7B677B



A181A1



7B6771



3D373D



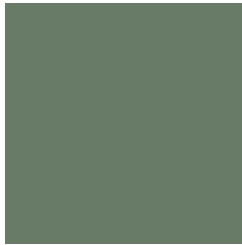
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 677B67 looks on a white background.

Color Contrast Check

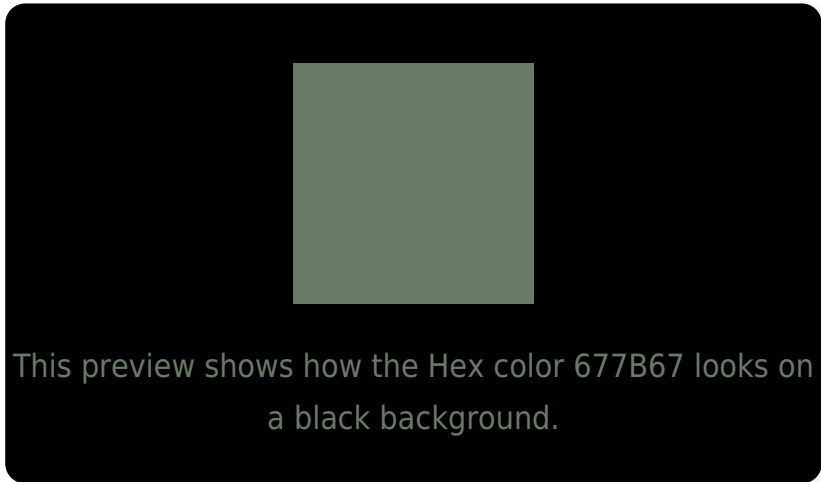
Large Text (above 18pt) WCAG AA ✓ Pass

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

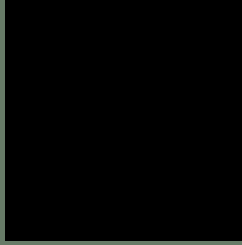
Any Text WCAG AA ✓ Pass

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 677B67 Background



This preview shows how black text looks on a background with the Hex color 677B67.

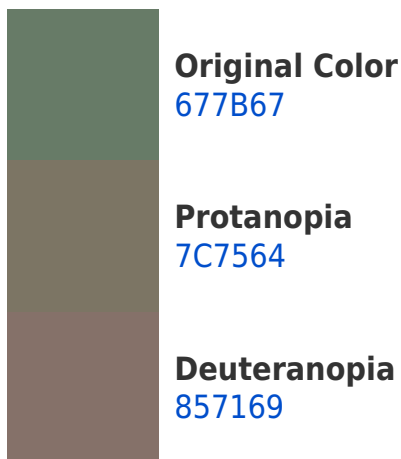


This preview shows how white text looks on a background with the Hex color 677B67.

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](#).

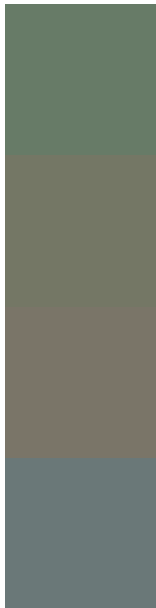
Dichromacy





Tritanopia
6B7781

Trichromacy



Original Color
677B67

Protanomaly
747765

Deuteranomaly
7A7568

Tritanomaly
6A7878

Monochromacy



Original Color
677B67

Achromatopsia
737373

Achromatomaly
6F766F

CSS Examples

Text

The CSS property to change the color of the text to Hex 677B67 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 #677B67 looks like.

```
.text, #text, p{  
    color:#677B67  
}
```

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 #677B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677B67
}
```

Border

The CSS property to change the border of an element to Hex 677B67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

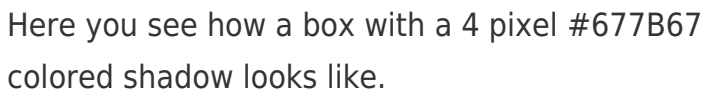
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#677B67 }
```

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

```
.border{ border-color:#677B67 }
```

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



Here you see how a box with a 4 pixel #677B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677B67; -webkit-box-shadow:4px 4px  
4px 4px #677B67; box-shadow:4px 4px 4px  
4px #677B67 }
```

Background

The CSS property to change the background color of an element to Hex 677B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677B67 }
```

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

```
.background{ background-color:#677B67 }
```

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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