

Converting Colors

Hex(677C57)

Have a look what the booklet for
Hex(677C57) contains.

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Color

Hex(677C57)

Conversions

Conversions Part 1

Format	Color
Hex	677C57
RGB	103, 124, 87
RGB Percent	40%, 49%, 34%
CMY	0.5961, 0.5137, 0.6588
CMYK	0.17, 0.00, 0.30, 0.51
HSL	94°, 18%, 41%
HSV	94°, 30%, 49%
XYZ	14.5215, 17.9870, 11.7233
YIQ	113.5030, -0.6390, -15.9590

Conversions

Conversions Part 2

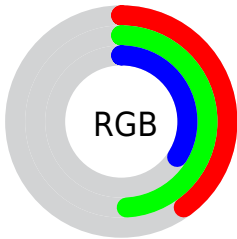
Format	Color
RYB	87, 124, 108
Decimal	6782039
CIELab	49.48, -14.95, 17.75
CIELCh	49, 23.205, 130.097
Yxy	17.9870, 0.3283, 0.4067
Android (android.graphics.Color)	4284972119 (0xFF677C57)
YUV	113.5030, -13.0660, -9.2111
Hunter-Lab	42.4111, -13.1013, 13.2988

Details

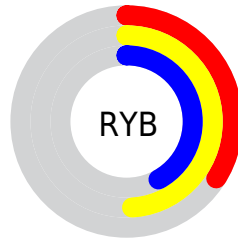
The Hex color **677C57** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6C577C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9BB189**, and **374B29** is the 20% darker color. If you saturate the color by 10%, you get **607C4B**, and if you desaturate by 10%, it is **6E7C63**.

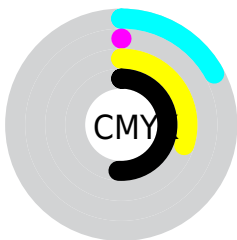
Distribution



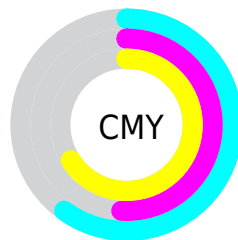
- Red (40%)
- Green (49%)
- Blue (34%)



- Red (34%)
- Yellow (49%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (60%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677C57 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 677C57 by changing the saturation by 10% instead.



677C57



677C57

FFFFFF



4F633F



9BB189



374B29



B6CCA3



213414



D1E8BF



0E1F00



EEFFDA



000000



FFFFFF7



677C57



677C57



607C4B



6E7C63



597C3E



757C70

■ 527C32

■ 7C7C7C

■ 4B7C25

■ 837C89

■ 447C19

■ 8A7C95

■ 3D7C0D

■ 917CA1

■ 367C00

■ 987CAE

■ 9F7CBA

■ A67CC7

Harmonies

Analogous

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



7D774F



677C57



507F68

Triad

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



677C57



497B9A



9D6770

Complementary

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



677C57



6C577C

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.



946983



677C57



66759C

Square

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



677C57



377F8E



816E94



9A6A5D

Rectangle

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



677C57



428075



816E94



9B6776

Sweetspot

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



677C57



98A192



7C6C57



4D5249



D1D1D1



525252

Same Dimension

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



677C57



80A167



577C59



3A3D37



367D00



6DFC00

Inverse Universe

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



6C577C



8867A1



7C577A



3B373D



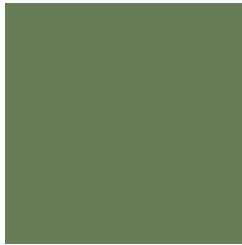
47007D



8F00FC

Previews

White Background



This preview shows how the Hex color 677C57 looks on a white background.

Color Contrast Check

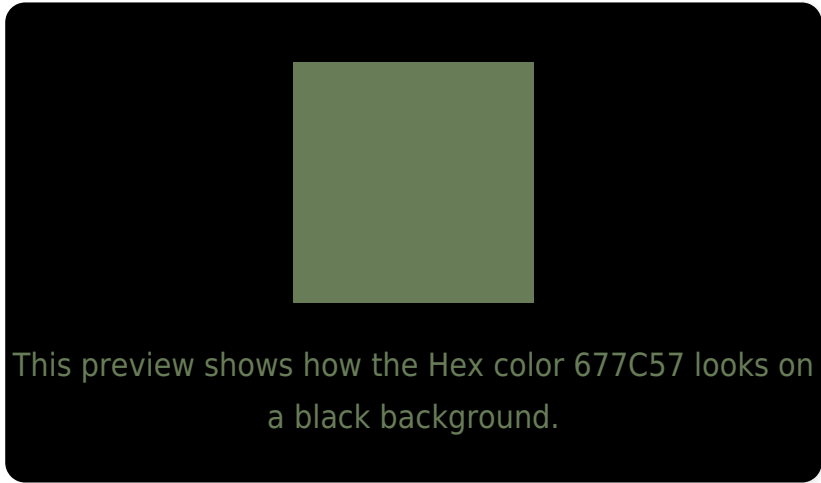
Large Text (above 18pt) WCAG AA ✓ Pass

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

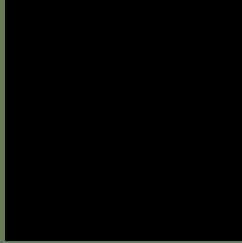
Any Text WCAG AA ✓ Pass

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 677C57 Background



This preview shows how black text looks on a background with the Hex color 677C57.



This preview shows how white text looks on a background with the Hex color 677C57.

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
677C57

Protanopia
7E7554

Deuteranopia
8A7159



Tritanopia
6D7780

Trichromacy



Original Color
677C57

Protanomaly
767855

Deuteranomaly
7D7558

Tritanomaly
6B7971

Monochromacy



Original Color
677C57

Achromatopsia
727272

Achromatomaly
6E6668

CSS Examples

Text

The CSS property to change the color of the text to Hex 677C57 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 #677C57 looks like.

```
.text, #text, p{  
    color:#677C57  
}
```

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 #677C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677C57
}
```

Border

The CSS property to change the border of an element to Hex 677C57 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
#677C57 }
```

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

```
.border{ border-color:#677C57 }
```

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

Here you see how a box with a 4 pixel #677C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677C57; -webkit-box-shadow:4px 4px  
4px 4px #677C57; box-shadow:4px 4px 4px  
4px #677C57 }
```

Background

The CSS property to change the background color of an element to Hex 677C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677C57 }
```

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

```
.background{ background-color:#677C57 }
```

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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