

Converting Colors

Hex(677777)

Have a look what the booklet for
Hex(677777) contains.

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Color

Hex(677777)

Conversions

Conversions Part 1

Format	Color
Hex	677777
RGB	103, 119, 119
RGB Percent	40%, 47%, 47%
CMY	0.5961, 0.5333, 0.5333
CMYK	0.13, 0.00, 0.00, 0.53
HSL	180°, 7%, 44%
HSV	180°, 13%, 47%
XYZ	15.5201, 17.4091, 19.9951
YIQ	114.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

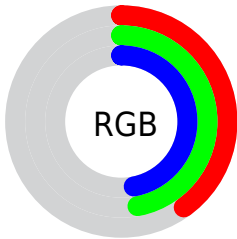
Format	Color
R_{YB}	103, 111, 119
Decimal	6780791
CIE Lab	48.77, -5.90, -2.01
CIE LCh	49, 6.230, 198.776
Yxy	17.4091, 0.2933, 0.3289
Android (android.graphics.Color)	4284970871 (0xFF677777)
YUV	114.2160, 2.3585, -9.8364
Hunter-Lab	41.7242, -6.6210, 0.7941

Details

The Hex color **677777** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776767**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9AABAB**, and **384747** is the 20% darker color. If you saturate the color by 10%, you get **5B7777**, and if you desaturate by 10%, it is **737777**.

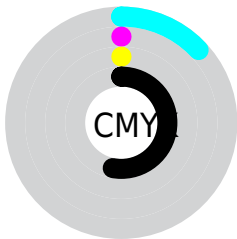
Distribution



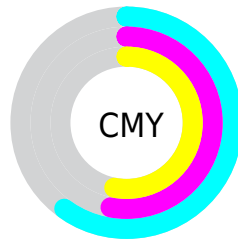
- Red (40%)
- Green (47%)
- Blue (47%)



- Red (40%)
- Yellow (44%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677777 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 677777 by changing the saturation by 10% instead.



677777



677777

FFFFFF



4F5E5E



9AABAB



384747



B5C6C6



223030



D1E2E2



0E1B1C



EDFFFF



000000



677777



677777



5B7777



737777



4F7777



7F7777



437777



8B7777

■ 377777

■ 977777

■ 2C7777

■ A37777

■ 207777

■ AE7777

■ 147777

■ BA7777

■ 087777

■ C67777

■ 007777

■ D27777

Harmonies

Analogous

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



6A7772



677777



68767C

Triad

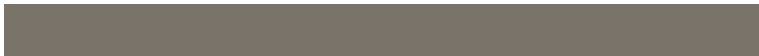
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



677777



79727B



7A736A

Complementary

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



677777



776767

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.



7E716C



677777



7E7176

Square

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



677777



73737E



7F7071



75756A

Rectangle

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



677777



6B757D



7F7071



7C726A

Sweetspot

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



677777



959C9C



677767



4B4F4F



CFCFCF



4F4F4F

Same Dimension

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



677777



839C9C



676F77



353B3B



007A7A



00FAFA

Inverse Universe

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



776777



9C839C



776F67



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 677777 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

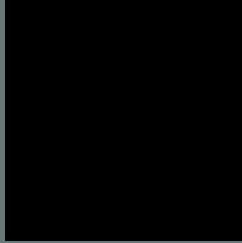
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

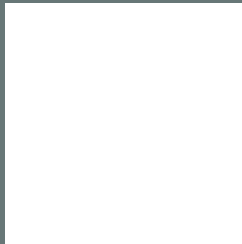
Any Text WCAG AAA × Fail

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

Hex 677777 Background



This preview shows how black text looks on a background with the Hex color 677777.



This preview shows how white text looks on a background with the Hex color 677777.

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](#).

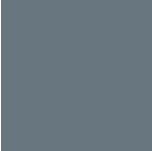
Dichromacy



Original Color
677777

Protanopia
75375

Deuteranopia
7D7078



Tritanopia
68767F

Trichromacy



Original Color
677777

Protanomaly
707476

Deuteranomaly
757378

Tritanomaly
68767C

Monochromacy



Original Color
677777

Achromatopsia
727272

Achromatomaly
6E7474

CSS Examples

Text

The CSS property to change the color of the text to Hex 677777 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 #677777 looks like.

```
.text, #text, p{  
    color:#677777  
}
```

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 #677777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677777  
}
```

Border

The CSS property to change the border of an element to Hex 677777 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  
#677777 }
```

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

```
.border{ border-color:#677777 }
```

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

Here you see how a box with a 4 pixel #677777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677777; -webkit-box-shadow:4px 4px  
4px 4px #677777; box-shadow:4px 4px 4px  
4px #677777 }
```

Background

The CSS property to change the background color of an element to Hex 677777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677777 }
```

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

```
.background{ background-color:#677777 }
```

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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