

Converting Colors

Hex(777677)

Have a look what the booklet for
Hex(777677) contains.

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Color

Hex(777677)

Conversions

Conversions Part 1

Format	Color
Hex	777677
RGB	119, 118, 119
RGB Percent	47%, 46%, 47%
CMY	0.5333, 0.5373, 0.5333
CMYK	0.00, 0.01, 0.00, 0.53
HSL	300°, 0%, 46%
HSV	300°, 1%, 47%
XYZ	17.4160, 18.2107, 20.0499
YIQ	118.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
R_{YB}	119, 118, 119
Decimal	7829111
CIE Lab	49.75, 0.58, -0.42
CIE LCh	50, 0.720, 324.241
Yxy	18.2107, 0.3128, 0.3271
Android (android.graphics.Color)	4286019191 (0xFF777677)
YUV	118.4130, 0.2894, 0.5148
Hunter-Lab	42.6740, -1.8308, 2.0151

Details

The Hex color **777677** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767776**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **ABAAAB**, and **474647** is the 20% darker color. If you saturate the color by 10%, you get **776A77**, and if you desaturate by 10%, it is **778277**.

Distribution



Red (47%)

Green (46%)

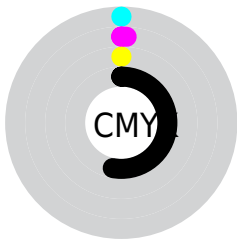
Blue (47%)



Red (47%)

Yellow (46%)

Blue (47%)



Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color `777677` 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 `777677` by changing the saturation by 10% instead.



777677



777677

FFFFFF



5E5D5E



ABAAAB



474647



C6C5C6



303030



E2E1E2



1C1B1C

FFFEFF



000000



777677



777677



776A77



778277



775E77



778E77



775277



779A77

■ 774677

■ 77A677

■ 773B77

■ 77B277

■ 772F77

■ 77BD77

■ 772377

■ 77C977

■ 771777

■ 77D577

■ 770B77

■ 77E177

Harmonies

Analogous

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



767677



777677



787676

Triad

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



777677



777675



757777

Complementary

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



777677



767776

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.



757776



777677



767675

Square

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



777677



777675



767776



757777

Rectangle

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



777677



787676



767776



757777

Sweetspot

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



777677



9C9C9C



767677



4F4F4F



CFCFCF

Same Dimension

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



777677



9C9A9C



777676



3B3A3B



7A007A



FA00FA

Inverse Universe

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



777677



9C9A9C



767776



3B3A3B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 777677 looks on a white background.

Color Contrast Check

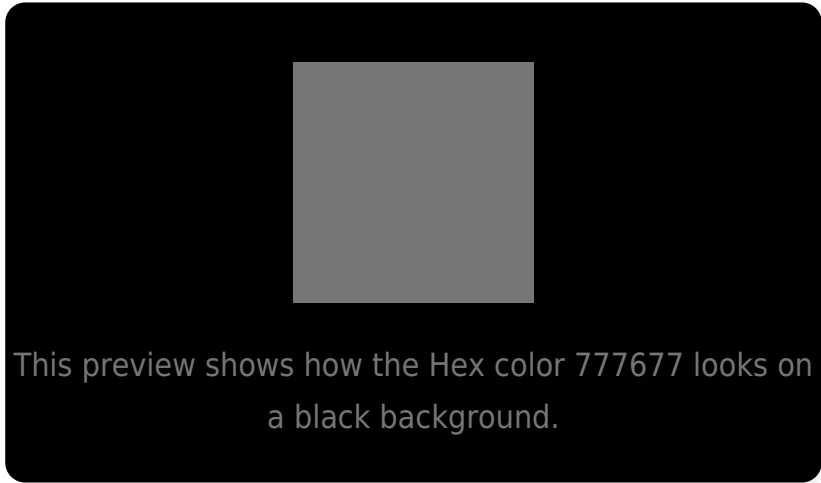
Large Text (above 18pt) WCAG AA ✓ Pass

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

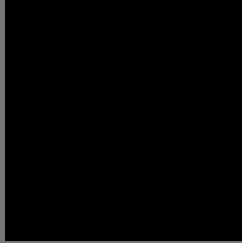
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

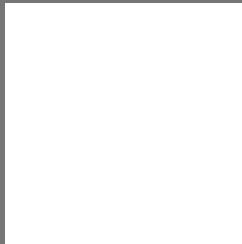
Any Text WCAG AAA × Fail

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

Hex 777677 Background



This preview shows how black text looks on a background with the Hex color 777677.



This preview shows how white text looks on a background with the Hex color 777677.

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
777677

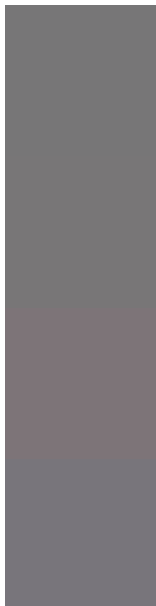
Protanopia
787677

Deuteranopia
817378



Tritanopia
78757E

Trichromacy



Original Color

777677

Protanomaly

787677

Deuteranomaly

7D7478

Tritanomaly

78757B

Monochromacy



Original Color

777677

Achromatopsia

767676

Achromatomaly

767676

CSS Examples

Text

The CSS property to change the color of the text to Hex 777677 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 #777677 looks like.

```
.text, #text, p{  
    color:#777677  
}
```

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 #777677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777677
}
```

Border

The CSS property to change the border of an element to Hex 777677 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
#777677 }
```

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

```
.border{ border-color:#777677 }
```

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

Here you see how a box with a 4 pixel #777677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777677; -webkit-box-shadow:4px 4px  
4px 4px #777677; box-shadow:4px 4px 4px  
4px #777677 }
```

Background

The CSS property to change the background color of an element to Hex 777677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777677 }
```

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

```
.background{ background-color:#777677 }
```

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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