

# Converting Colors

Hex(777778)

Have a look what the booklet for  
Hex(777778) contains.

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# Color

**Hex(777778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	777778
RGB	119, 119, 120
RGB Percent	47%, 47%, 47%
CMY	0.5333, 0.5333, 0.5294
CMYK	0.01, 0.01, 0.00, 0.53
HSL	240°, 0%, 47%
HSV	240°, 1%, 47%
XYZ	17.5947, 18.4717, 20.4073
YIQ	119.1140, -0.3210, 0.3110

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 119, 120
Decimal	7829368
CIE Lab	50.06, 0.21, -0.55
CIE LCh	50, 0.591, 290.329
Yxy	18.4717, 0.3116, 0.3271
Android (android.graphics.Color)	4286019448 (0xFF777778)
YUV	119.1140, 0.4368, -0.1000
Hunter-Lab	42.9787, -2.1378, 1.9327

# Details

The Hex color **777778** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787877**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ABABAC**, and **474748** is the 20% darker color. If you saturate the color by 10%, you get **6B6B78**, and if you desaturate by 10%, it is **838378**.

# Distribution



Red (47%)

Green (47%)

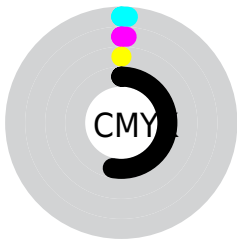
Blue (47%)



Red (47%)

Yellow (47%)

Blue (47%)



Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 777778 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 777778 by changing the saturation by 10% instead.



■ 777778

■ 777778

FFFFFF

■ 5E5E5F

■ ABABAC

■ 474748

■ C6C6C8

■ 303031

■ E2E2E4

■ 1C1C1C

■ 000002

■ 000000

■ 777778

■ 777778

■ 6B6B78

■ 838378

■ 5F5F78

■ 8F8F78

■ 535378

■ 9B9B78

■ 474778

■ A7A778

■ 3B3B78

■ B3B378

■ 2F2F78

■ BFBF78

■ 232378

■ CBCB78

■ 171778

■ D7D778

■ 0B0B78

■ E3E378

# Harmonies

## Analogous

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



767778



777778



787778

# Triad

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



777778



787776



767777

# Complementary

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



777778



787877

# 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.



777776



777778



787776

# Square

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



777778



787777



777776



767777

# Rectangle

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



777778



787777



777776



767777



# Sweetspot

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



777778



9C9C9C



777878



4F4F4F



CFCFCF

# Same Dimension

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



777778



9A9A9C



3D3D3D



00007D



0000FC

# Inverse Universe

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



787778



9C9A9C



777877



3D3D3D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 777778 looks on a white background.

## Color Contrast Check

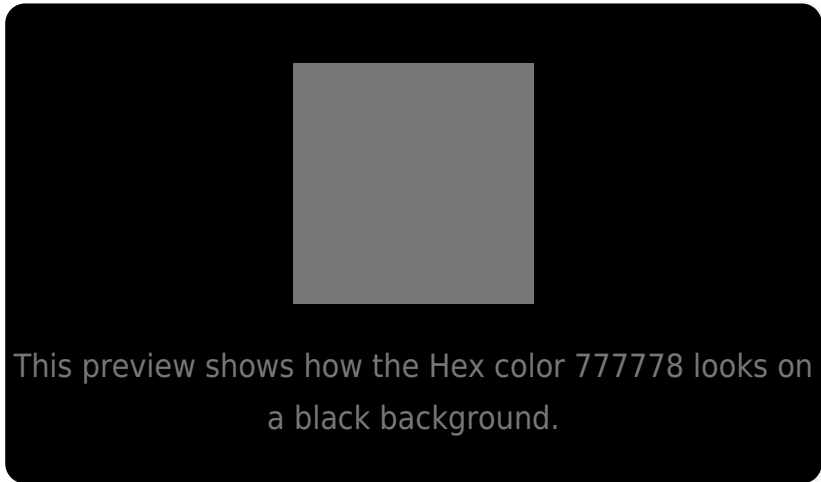
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

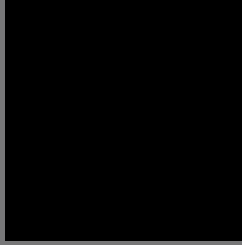
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

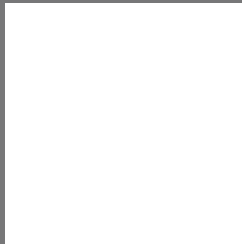
Any Text WCAG AAA × Fail

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

## Hex 777778 Background



This preview shows how black text looks on a background with the Hex color 777778.



This preview shows how white text looks on a background with the Hex color 777778.

# 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**

777778


**Protanopia**

797678

**Deuteranopia**

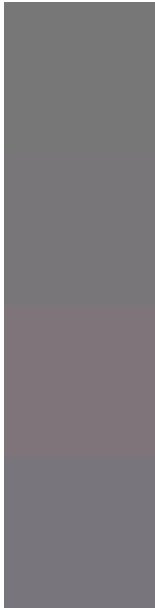
827379





**Tritanopia**  
78767F

# Trichromacy



**Original Color**

777778

**Protanomaly**

787678

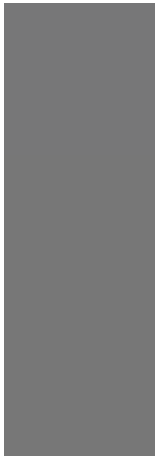
**Deuteranomaly**

7E7479

**Tritanomaly**

78767C

# Monochromacy



**Original Color**

777778

**Achromatopsia**

777777

**Achromatomaly**

777777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 777778 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 #777778 looks like.

```
.text, #text, p{  
    color:#777778  
}
```

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 #777778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777778
}
```

## Border

The CSS property to change the border of an element to Hex 777778 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
#777778 }
```

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

```
.border{ border-color:#777778 }
```

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

Here you see how a box with a 4 pixel #777778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777778; -webkit-box-shadow:4px 4px  
4px 4px #777778; box-shadow:4px 4px 4px  
4px #777778 }
```

# Background

The CSS property to change the background color of an element to Hex 777778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777778 }
```

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

```
.background{ background-color:#777778 }
```

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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