

# Converting Colors

Hex(767775)

Have a look what the booklet for  
Hex(767775) contains.

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# Color

**Hex(767775)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	767775
RGB	118, 119, 117
RGB Percent	46%, 47%, 46%
CMY	0.5373, 0.5333, 0.5412
CMYK	0.01, 0.00, 0.02, 0.53
HSL	90°, 1%, 46%
HSV	90°, 2%, 47%
XYZ	17.2789, 18.3296, 19.4569
YIQ	118.4730, 0.0460, -0.8340

# Conversions

## Conversions Part 2

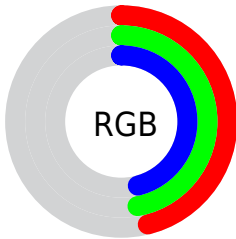
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 119, 118
Decimal	7763829
CIE Lab	49.89, -0.78, 0.96
CIE LCh	50, 1.234, 129.065
Yxy	18.3296, 0.3138, 0.3329
Android (android.graphics.Color)	4285953909 (0xFF767775)
YUV	118.4730, -0.7262, -0.4148
Hunter-Lab	42.8130, -2.8819, 3.0241

# Details

The Hex color **767775** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767577**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AAABA9**, and **464745** is the 20% darker color. If you saturate the color by 10%, you get **707769**, and if you desaturate by 10%, it is **7C7781**.

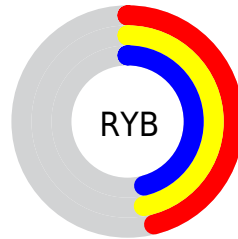
# Distribution



Red (46%)

Green (47%)

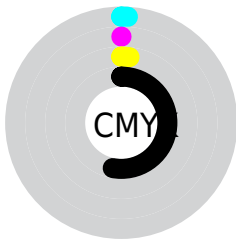
Blue (46%)



Red (46%)

Yellow (47%)

Blue (46%)

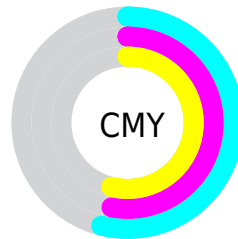


Cyan (1%)

Magenta (0%)

Yellow (2%)

Black (53%)



Cyan (54%)

Magenta (53%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767775 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 767775 by changing the saturation by 10% instead.



■ 767775

■ 767775

FFFFFF

■ 5D5E5C

■ AAABA9

■ 464745

■ C5C6C4

■ 30302F

■ E1E2E0

■ 1B1C1A

FEFFFD

■ 000000

■ 767775

■ 767775

■ 707769

■ 7C7781

■ 6A775D

■ 82778D

■ 647751

■ 887799

 5E7745

 8E77A5

 587739

 9477B0

 52772E

 9A77BC

 4C7722

 A077C8

 467716

 A677D4

 40770A

 AC77E0

# Harmonies

## Analogous

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



777775



767775



757776

# Triad

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



767775



757779



797676

# Complementary

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



767775



767577

# 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.



787677



767775



767779

# Square

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



767775



747778



777678



797675

# Rectangle

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



767775



747777



777678



797677



# Sweetspot

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



767775



9B9C9A



777675



4F4F4E



CFCFCF



4F4F4F



# Same Dimension

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



767775



9A9C98



757775



3A3B39



3D7A00



7DFA00



# Inverse Universe

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



767577



9A989C



777577



3A393B



3D007A



7D00FA



# Previews

## White Background



This preview shows how the Hex color 767775 looks on a white background.

## Color Contrast Check

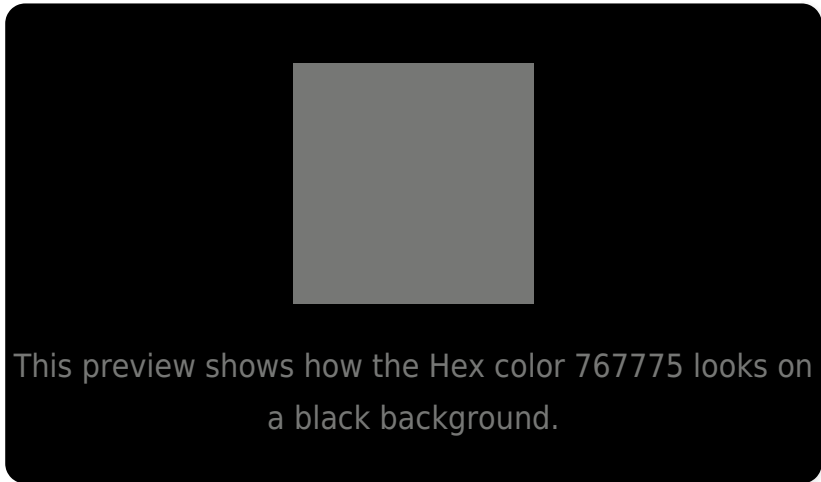
Large Text (above 18pt) WCAG AA ✓ Pass

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

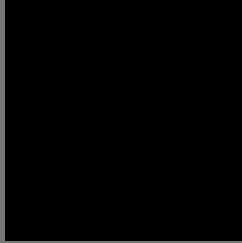
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

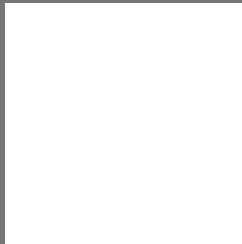
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 767775 Background



This preview shows how black text looks on a background with the Hex color 767775.



This preview shows how white text looks on a background with the Hex color 767775.

# 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**  
767775

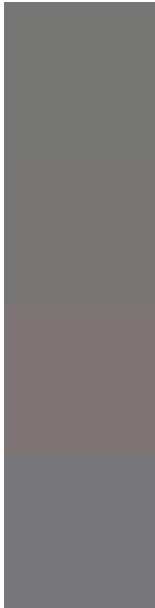
**Protanopia**  
797674

**Deuteranopia**  
827376



**Tritanopia**  
78767F

# Trichromacy



**Original Color**  
767775

**Protanomaly**  
787674

**Deuteranomaly**  
7E7476

**Tritanomaly**  
77767B

# Monochromacy



**Original Color**  
767775

**Achromatopsia**  
767676

**Achromatomaly**  
767676

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767775 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 #767775 looks like.

```
.text, #text, p{  
    color:#767775  
}
```

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 #767775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767775
}
```

## Border

The CSS property to change the border of an element to Hex 767775 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
#767775 }
```

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

```
.border{ border-color:#767775 }
```

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

Here you see how a box with a 4 pixel #767775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767775; -webkit-box-shadow:4px 4px  
4px 4px #767775; box-shadow:4px 4px 4px  
4px #767775 }
```

# Background

The CSS property to change the background color of an element to Hex 767775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767775 }
```

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

```
.background{ background-color:#767775 }
```

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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