

# Converting Colors

Hex(767757)

Have a look what the booklet for  
Hex(767757) contains.

<b>Hex(767757)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(767757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	767757
RGB	118, 119, 87
RGB Percent	46%, 47%, 34%
CMY	0.5373, 0.5333, 0.6588
CMYK	0.01, 0.00, 0.27, 0.53
HSL	62°, 16%, 40%
HSV	62°, 27%, 47%
XYZ	15.7883, 17.7333, 11.6076
YIQ	115.0530, 9.6760, -10.1640

# Conversions

## Conversions Part 2

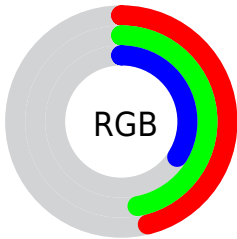
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 119, 88
Decimal	7763799
CIELab	49.17, -6.06, 17.53
CIELCh	49, 18.548, 109.055
Yxy	17.7333, 0.3498, 0.3929
Android (android.graphics.Color)	4285953879 (0xFF767757)
YUV	115.0530, -13.8301, 2.5845
Hunter-Lab	42.1110, -6.7705, 13.1348

# Details

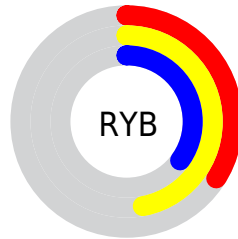
The Hex color **767757** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **585777**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **ABAB89**, and **454729** is the 20% darker color. If you saturate the color by 10%, you get **76774B**, and if you desaturate by 10%, it is **767763**.

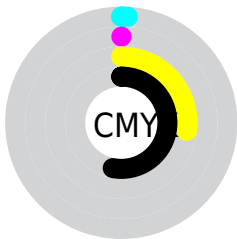
# Distribution



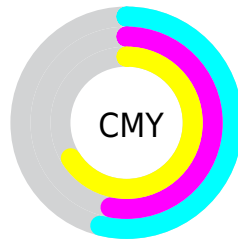
- Red (46%)
- Green (47%)
- Blue (34%)



- Red (34%)
- Yellow (47%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767757 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 767757 by changing the saturation by 10% instead.



 767757

 767757

FFFFFF

 5D5E40

 ABAB89

 454729

 C6C6A3

 2E3014

 E2E2BF

 1B1B00

 FFFFDA

 000000

 FFFFF7

 767757

 767757

 76774B

 767763

 75773F

 77776F

 757733

 77777B

 757727

 777787

 74771B

 787793

 747710

 78779E

 737704

 7977AA

 737700

 7977B6

 7977C2

# Harmonies

## Analogous

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



867256



767757



647B60

# Triad

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



767757



4A7C8C



916A7B

# Complementary

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



767757



585777

# 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.



836E8A



767757



5A7893

# Square

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



767757



487E7F



707392



956A6B

# Rectangle

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



767757



587D69



707392



8D6B80



# Sweetspot

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



767757



9B9C8F



775857



4F4F47



CFCFCF



4F4F4F



# Same Dimension

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



767757



9A9C6A



667757



3A3B35



777A00



F2FA00



# Inverse Universe

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



585777



6B6A9C



685777



35353B



04007A



0800FA



# Previews

## White Background



This preview shows how the Hex color 767757 looks on a white background.

## Color Contrast Check

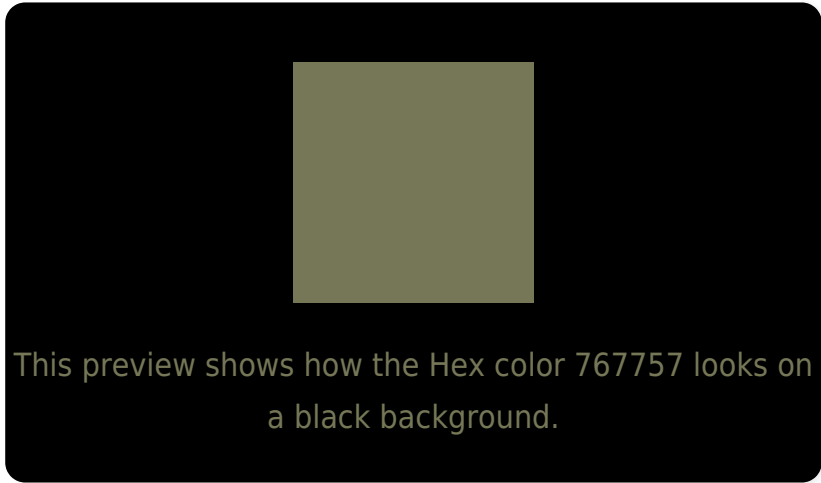
Large Text (above 18pt) WCAG AA ✓ Pass

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

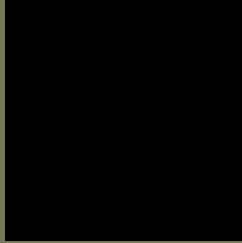
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 767757 Background



This preview shows how black text looks on a background with the Hex color 767757.



This preview shows how white text looks on a background with the Hex color 767757.

# 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**

767757

**Protanopia**

7D7556

**Deuteranopia**

897058



**Tritanopia**  
7B727B

# Trichromacy



**Original Color**  
767757

**Protanomaly**  
7A7656

**Deuteranomaly**  
827358

**Tritanomaly**  
79746E

# Monochromacy



**Original Color**  
767757

**Achromatopsia**  
737373

**Achromatomaly**  
747469

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767757 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 #767757 looks like.

```
.text, #text, p{  
    color:#767757  
}
```

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 #767757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767757
}
```

## Border

The CSS property to change the border of an element to Hex 767757 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
#767757 }
```

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

```
.border{ border-color:#767757 }
```

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

Here you see how a box with a 4 pixel #767757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767757; -webkit-box-shadow:4px 4px  
4px 4px #767757; box-shadow:4px 4px 4px  
4px #767757 }
```

# Background

The CSS property to change the background color of an element to Hex 767757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767757 }
```

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

```
.background{ background-color:#767757 }
```

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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