

# Converting Colors

Hex(767D76)

Have a look what the booklet for  
Hex(767D76) contains.

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# Color

Hex(767D76)

# Conversions

## Conversions Part 1

Format	Color
Hex	767D76
RGB	118, 125, 118
RGB Percent	46%, 49%, 46%
CMY	0.5373, 0.5098, 0.5373
CMYK	0.06, 0.00, 0.06, 0.51
HSL	120°, 3%, 48%
HSV	120°, 6%, 49%
XYZ	18.0748, 19.8268, 20.0138
YIQ	122.1090, -1.9250, -3.6610

# Conversions

## Conversions Part 2

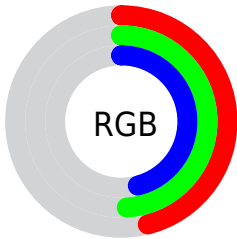
Format	Color
<b>RYB</b>	118, 125, 125
Decimal	7765366
CIELab	51.64, -4.03, 2.91
CIELCh	52, 4.965, 144.173
Yxy	19.8268, 0.3121, 0.3423
Android (android.graphics.Color)	4285955446 (0xFF767D76)
YUV	122.1090, -2.0257, -3.6036
Hunter-Lab	44.5273, -5.4647, 4.5198

# Details

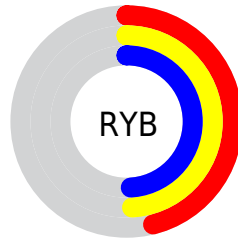
The Hex color **767D76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D767D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AAB2AA**, and **464C46** is the 20% darker color. If you saturate the color by 10%, you get **6A7D6A**, and if you desaturate by 10%, it is **837D83**.

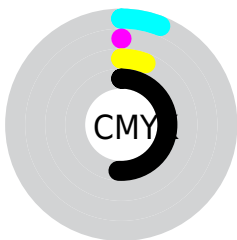
# Distribution



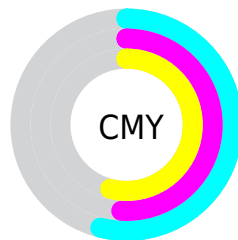
- Red (46%)
- Green (49%)
- Blue (46%)



- Red (46%)
- Yellow (49%)
- Blue (49%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767D76 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 767D76 by changing the saturation by 10% instead.



■ 767D76

■ 767D76

FFFFFF

■ 5D645D

■ AAB2AA

■ 464C46

■ C5CDC5

■ 2F362F

■ E1E9E1

■ 1B201B

FEFFFE

■ 000900

■ 000000

■ 767D76

■ 767D76

■ 6A7D6A

■ 837D83

■ 5D7D5D

■ 8F7D8F

■ 517D51

■ 9C7D9C

■ 447D44

■ A87DA8

■ 387D38

■ B47DB4

■ 2B7D2B

■ C17DC1

■ 1F7D1F

■ CE7DCE

■ 127D12

■ DA7DDA

■ 067D06

■ E77DE7

# Harmonies

## Analogous

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



7B7C73



767D76



727E7A

# Triad

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



767D76



767C83



857878

# Complementary

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



767D76



7D767D

# 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.



83787C



767D76



7B7A83

# Square

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



767D76



727D82



807980



837974

# Rectangle

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



767D76



717E7D



807980



847879



# Sweetspot

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



767D76



A0A3A0



7D7D76



505250



D1D1D1



525252



# Same Dimension

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



767D76



98A398



767D7A



3B403B



008000



000000



# Inverse Universe

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



7D767D



A398A3



7D767A



403B40



800080

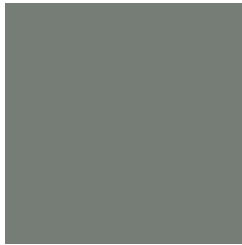


000000



# Previews

## White Background



This preview shows how the Hex color 767D76 looks on a white background.

## Color Contrast Check

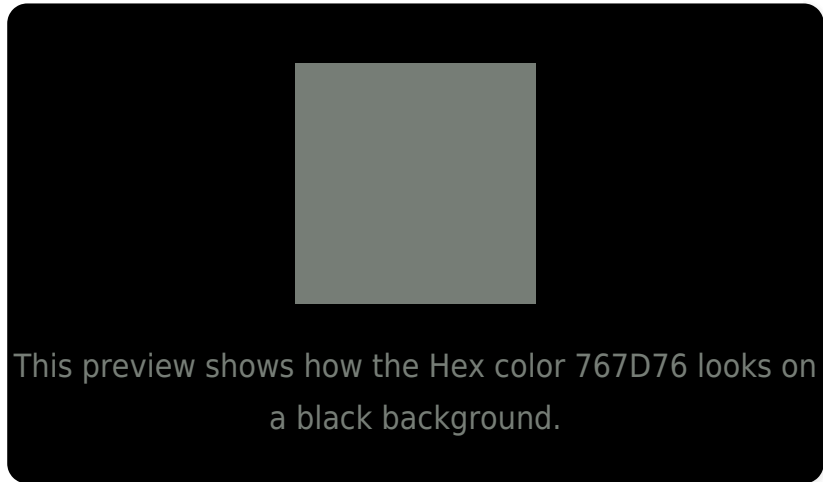
Large Text (above 18pt) WCAG AA ✓ Pass

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

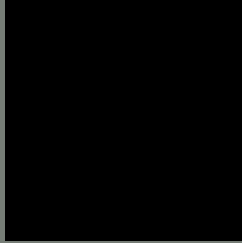
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

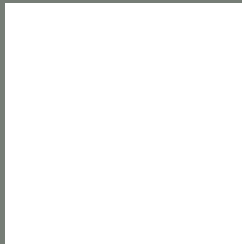
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 767D76 Background



This preview shows how black text looks on a background with the Hex color 767D76.



This preview shows how white text looks on a background with the Hex color 767D76.

# 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**  
767D76

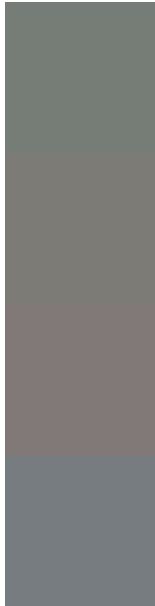
**Protanopia**  
7F7A75

**Deuteranopia**  
887777



**Tritanopia**  
787B85

# Trichromacy



**Original Color**

767D76

**Protanomaly**

7C7B75

**Deuteranomaly**

817977

**Tritanomaly**

777C80

# Monochromacy



**Original Color**

767D76

**Achromatopsia**

7A7A7A

**Achromatomaly**

797B79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767D76 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 #767D76 looks like.

```
.text, #text, p{  
    color:#767D76  
}
```

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 #767D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767D76
}
```

## Border

The CSS property to change the border of an element to Hex 767D76 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
#767D76 }
```

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

```
.border{ border-color:#767D76 }
```

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

Here you see how a box with a 4 pixel #767D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767D76; -webkit-box-shadow:4px 4px  
4px 4px #767D76; box-shadow:4px 4px 4px  
4px #767D76 }
```

# Background

The CSS property to change the background color of an element to Hex 767D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767D76 }
```

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

```
.background{ background-color:#767D76 }
```

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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