

# Converting Colors

Hex(75747B)

Have a look what the booklet for  
Hex(75747B) contains.

<b>Hex(75747B)</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(75747B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75747B
RGB	117, 116, 123
RGB Percent	46%, 45%, 48%
CMY	0.5412, 0.5451, 0.5176
CMYK	0.05, 0.06, 0.00, 0.52
HSL	249°, 3%, 47%
HSV	249°, 6%, 48%
XYZ	17.1567, 17.7028, 21.2516
YIQ	117.0970, -1.6510, 2.3890

# Conversions

## Conversions Part 2

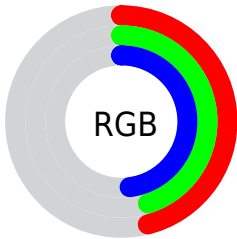
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 116, 123
Decimal	7697531
CIE Lab	49.13, 1.83, -3.71
CIE LCh	49, 4.139, 296.201
Yxy	17.7028, 0.3058, 0.3155
Android (android.graphics.Color)	4285887611 (0xFF75747B)
YUV	117.0970, 2.9102, -0.0851
Hunter-Lab	42.0746, -0.8442, -0.4947

# Details

The Hex color **75747B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7B74**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A9A8AF**, and **45444A** is the 20% darker color. If you saturate the color by 10%, you get **6A687B**, and if you desaturate by 10%, it is **80807B**.

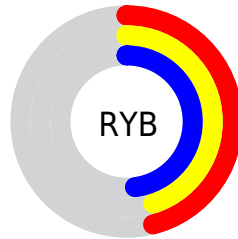
# Distribution



Red (46%)

Green (45%)

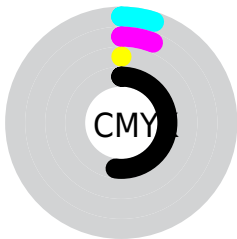
Blue (48%)



Red (46%)

Yellow (45%)

Blue (48%)

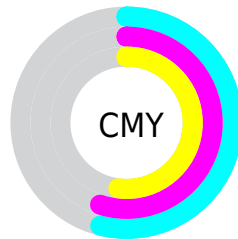


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (52%)



Cyan (54%)

Magenta (55%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75747B 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 75747B by changing the saturation by 10% instead.



■ 75747B

■ 75747B

FFFFFF

■ 5C5B62

■ A9A8AF

■ 45444A

■ C4C3CB

■ 2F2E34

■ E0DFE7

■ 1A191F

■ FDFCFE

■ 000005

■ 000000

■ 75747B

■ 75747B

■ 6A687B

■ 80807B

■ 605B7B

■ 8A8D7B

■ 554F7B

■ 95997B

■ 4B437B

■ 9FA57B

■ 40367B

■ AAB27B

■ 362A7B

■ B4BE7B

■ 2B1E7B

■ BFCA7B

■ 21127B

■ C9D67B

■ 16057B

■ D4E37B

# Harmonies

## Analogous

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



71757C



75747B



797379

# Triad

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



75747B



7B736F



6D7774

# Complementary

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



75747B



7A7B74

# 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.



707671



75747B



78746E

# Square

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



75747B



7D7372



74756E



6C7778

# Rectangle

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



75747B



7B7377



74756E



6E7773



# Sweetspot

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



75747B



9E9DA1



747A7B



505052



D1D1D1



525252



# Same Dimension

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



75747B



9795A1



78747B



39383D



12007D



2400FC



# Inverse Universe

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



7B747A



A1959F



777B74



3D383D



7D006B



FC00D8



# Previews

## White Background



This preview shows how the Hex color 75747B looks on a white background.

## Color Contrast Check

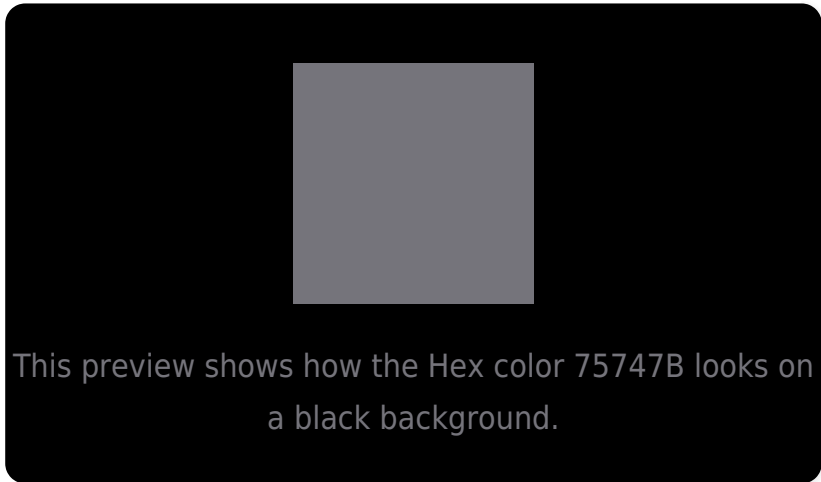
Large Text (above 18pt) WCAG AA ✓ Pass

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

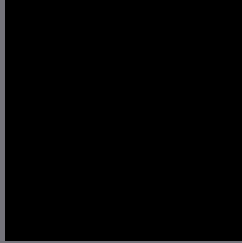
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

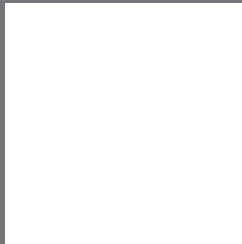
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75747B Background



This preview shows how black text looks on a background with the Hex color 75747B.



This preview shows how white text looks on a background with the Hex color 75747B.

# 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**  
75747B

**Protanopia**  
75747B

**Deuteranopia**  
7D717C



**Tritanopia**  
75747D

# Trichromacy



**Original Color**  
75747B

**Protanomaly**  
75747B

**Deuteranomaly**  
7A727C

**Tritanomaly**  
75747C

# Monochromacy



**Original Color**  
75747B

**Achromatopsia**  
757575

**Achromatomaly**  
757577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75747B 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 #75747B looks like.

```
.text, #text, p{  
    color:#75747B  
}
```

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 #75747B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75747B
}
```

## Border

The CSS property to change the border of an element to Hex 75747B is called "border". The border property can be set on classes, ids or directly on the HTML element.

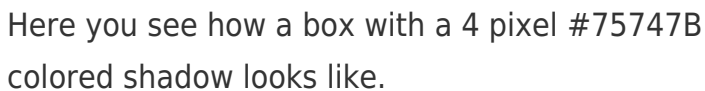
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75747B }
```

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

```
.border{ border-color:#75747B }
```

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



Here you see how a box with a 4 pixel #75747B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75747B; -webkit-box-shadow:4px 4px  
4px 4px #75747B; box-shadow:4px 4px 4px  
4px #75747B }
```

# Background

The CSS property to change the background color of an element to Hex 75747B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75747B }
```

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

```
.background{ background-color:#75747B }
```

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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