

# Converting Colors

Hex(70817B)

Have a look what the booklet for  
Hex(70817B) contains.

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# Color

Hex(70817B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70817B
RGB	112, 129, 123
RGB Percent	44%, 51%, 48%
CMY	0.5608, 0.4941, 0.5176
CMYK	0.13, 0.00, 0.05, 0.49
HSL	159°, 7%, 47%
HSV	159°, 13%, 51%
XYZ	18.1075, 20.5753, 21.7560
YIQ	123.2330, -8.2060, -5.4700

# Conversions

## Conversions Part 2

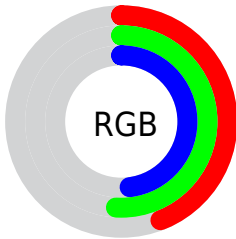
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 122, 129
Decimal	7373179
CIE <sub>Lab</sub>	52.48, -7.48, 1.15
CIE <sub>LCh</sub>	52, 7.564, 171.272
Yxy	20.5753, 0.2996, 0.3404
Android (android.graphics.Color)	4285563259 (0xFF70817B)
YUV	123.2330, -0.1149, -9.8513
Hunter-Lab	45.3600, -8.1237, 3.3148

# Details

The Hex color **70817B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **817076**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A4B6AF**, and **40504A** is the 20% darker color. If you saturate the color by 10%, you get **638176**, and if you desaturate by 10%, it is **7D8180**.

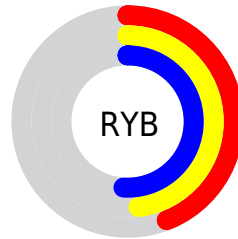
# Distribution



Red (44%)

Green (51%)

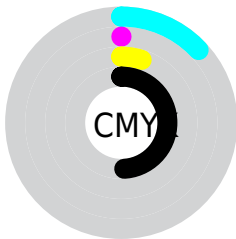
Blue (48%)



Red (44%)

Yellow (48%)

Blue (51%)

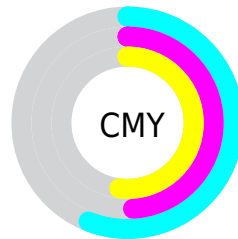


Cyan (13%)

Magenta (0%)

Yellow (5%)

Black (49%)



Cyan (56%)

Magenta (49%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70817B 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 70817B by changing the saturation by 10% instead.



 70817B

 70817B

FFFFFF

 576862

 A4B6AF

 40504A

 BFD1CB

 2A3934

 DBEEE7

 15231F

 F7FFFF

 000E06

 000000

 70817B

 70817B

 638176

 7D8180

 568172

 8A8184

■ 49816D

■ 978189

■ 3C8169

■ A4818D

■ 2F8164

■ B18192

■ 238160

■ BD8196

■ 16815B

■ CA819B

■ 098157

■ D7819F

■ 008153

■ E481A4

# Harmonies

## Analogous

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



768075



70817B



6D8182

# Triad

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



70817B



7C7C89



8A7A73

# Complementary

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



70817B



817076

# 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.



8B7979



70817B



847A85

# Square

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



70817B



747E8A



89797F



857C71

# Rectangle

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



70817B



6E8185



89797F



8B7A75



# Sweetspot

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



70817B



A2A8A6



768170



505453



D4D4D4



545454



# Same Dimension

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



70817B



8DA89F



707F81



39403E



008053



000000



# Inverse Universe

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



817076



A88D97



817270



40393C



80002D



000000



# Previews

## White Background



This preview shows how the Hex color 70817B looks on a white background.

## Color Contrast Check

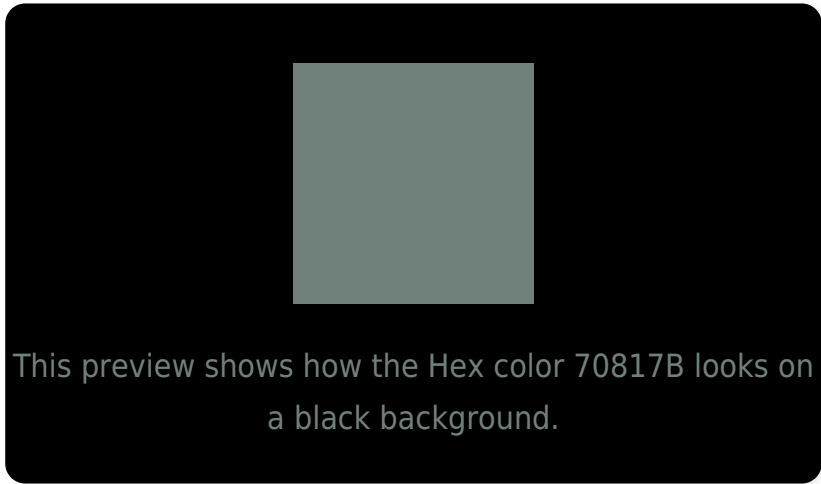
Large Text (above 18pt) WCAG AA ✓ Pass

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

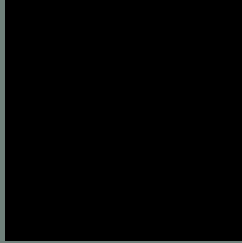
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

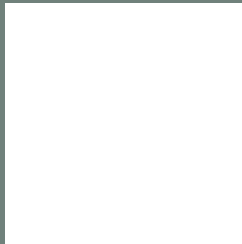
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70817B Background



This preview shows how black text looks on a background with the Hex color 70817B.

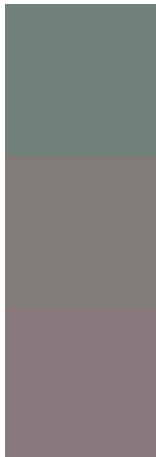


This preview shows how white text looks on a background with the Hex color 70817B.

# 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**  
70817B

**Protanopia**  
807C78

**Deuteranopia**  
89797D



**Tritanopia**  
727F89

# Trichromacy



**Original Color**  
70817B

**Protanomaly**  
7A7E79

**Deuteranomaly**  
807C7C

**Tritanomaly**  
718084

# Monochromacy



**Original Color**  
70817B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
777D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70817B 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 #70817B looks like.

```
.text, #text, p{  
    color:#70817B  
}
```

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 #70817B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70817B
}
```

## Border

The CSS property to change the border of an element to Hex 70817B 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
#70817B }
```

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

```
.border{ border-color:#70817B }
```

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

Here you see how a box with a 4 pixel #70817B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70817B; -webkit-box-shadow:4px 4px  
4px 4px #70817B; box-shadow:4px 4px 4px  
4px #70817B }
```

# Background

The CSS property to change the background color of an element to Hex 70817B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70817B }
```

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

```
.background{ background-color:#70817B }
```

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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