

# Converting Colors

Hex(717EB7)

Have a look what the booklet for  
Hex(717EB7) contains.

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# Color

Hex(717EB7)

# Conversions

## Conversions Part 1

Format	Color
Hex	717EB7
RGB	113, 126, 183
RGB Percent	44%, 49%, 72%
CMY	0.5569, 0.5059, 0.2824
CMYK	0.38, 0.31, 0.00, 0.28
HSL	229°, 33%, 58%
HSV	229°, 38%, 72%
XYZ	22.8181, 21.8513, 47.8148
YIQ	128.6110, -26.0450, 14.9710

# Conversions

## Conversions Part 2

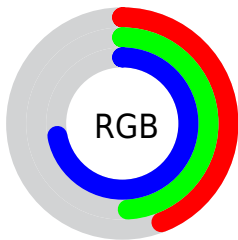
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 124, 183
Decimal	7438007
CIE Lab	53.87, 9.60, -31.56
CIE LCh	54, 32.982, 286.914
Yxy	21.8513, 0.2467, 0.2363
Android (android.graphics.Color)	4285628087 (0xFF717EB7)
YUV	128.6110, 26.8138, -13.6908
Hunter-Lab	46.7454, 5.3280, -27.9247

# Details

The Hex color **717EB7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B7AA71**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A7B3EF**, and **3D4D82** is the 20% darker color. If you saturate the color by 10%, you get **5F6FB7**, and if you desaturate by 10%, it is **838DB7**.

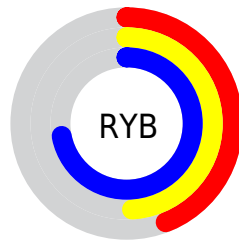
# Distribution



Red (44%)

Green (49%)

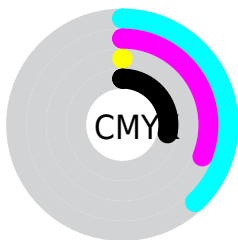
Blue (72%)



Red (44%)

Yellow (49%)

Blue (72%)

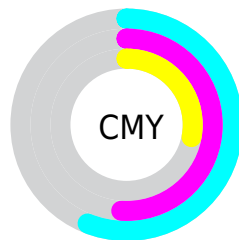


Cyan (38%)

Magenta (31%)

Yellow (0%)

Black (28%)



Cyan (56%)

Magenta (51%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 717EB7 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 717EB7 by changing the saturation by 10% instead.



■ 717EB7

■ 717EB7

FFFFFF

■ 57659C

■ A7B3EF

■ 3D4D82

■ C3CEFF

■ 223768

■ DFEAFF

■ 002250

FDFFFF

■ 000B39

■ 000223

■ 000009

■ 000000

■ 717EB7

■ 717EB7

■ 5F6FB7

■ 838DB7

■ 4C60B7

■ 969CB7

■ 3A51B7

■ A8ABB7

■ 2842B7

■ BABAB7

■ 1533B7

■ CDC9B7

■ 0325B7

■ DFD7B7

■ 0022B7

■ F1E6B7

■ FFF5B7

■ FFFFB7

# Harmonies

## Analogous

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



3D87B8



717EB7



9873A8

# Triad

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



717EB7



B17158



3D8F73

# Complementary

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



717EB7



B7AA71

# 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.



638B59



717EB7



9E7B49

# Square

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



717EB7



B86B72



838449



009090

# Rectangle

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



717EB7



AA6E98



838449



4A8E6A



# Sweetspot

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



717EB7



D3D8ED



71B7A9



686B78



F7F7F7



787878



# Same Dimension

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



717EB7



8094ED



8671B7



53545C



001D9C



00051C



# Inverse Universe

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



B7717E



ED8094



A2B771



5C5354



9C001D

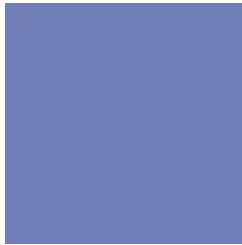


1C0005



# Previews

## White Background



This preview shows how the Hex color 717EB7 looks on a white background.

## Color Contrast Check

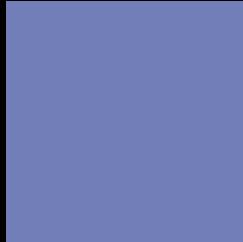
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 717EB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

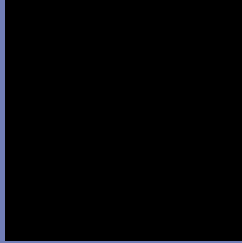
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 717EB7 Background



This preview shows how black text looks on a background with the Hex color 717EB7.



This preview shows how white text looks on a background with the Hex color 717EB7.

# 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**  
717EB7

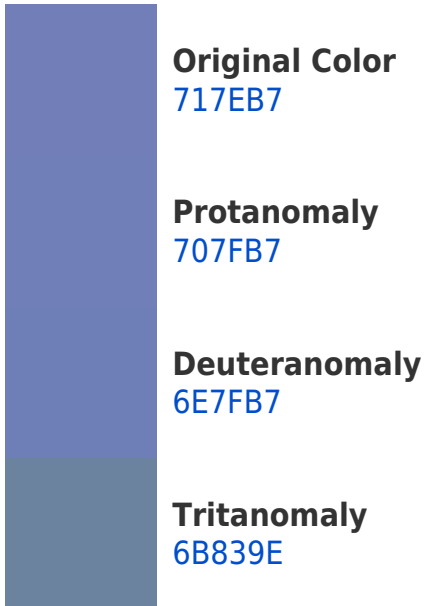
**Protanopia**  
6F7FB7

**Deuteranopia**  
6C7FB7



**Tritanopia**  
688690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 717EB7 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 #717EB7 looks like.

```
.text, #text, p{  
    color:#717EB7  
}
```

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 #717EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717EB7
}
```

## Border

The CSS property to change the border of an element to Hex 717EB7 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
#717EB7 }
```

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

```
.border{ border-color:#717EB7 }
```

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

Here you see how a box with a 4 pixel #717EB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717EB7; -webkit-box-shadow:4px 4px  
4px 4px #717EB7; box-shadow:4px 4px 4px  
4px #717EB7 }
```

# Background

The CSS property to change the background color of an element to Hex 717EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717EB7 }
```

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

```
.background{ background-color:#717EB7 }
```

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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