

# Converting Colors

Hex(717BB1)

Have a look what the booklet for  
Hex(717BB1) contains.

<b>Hex(717BB1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(717BB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	717BB1
RGB	113, 123, 177
RGB Percent	44%, 48%, 69%
CMY	0.5569, 0.5176, 0.3059
CMYK	0.36, 0.31, 0.00, 0.31
HSL	231°, 29%, 57%
HSV	231°, 36%, 69%
XYZ	21.8288, 20.8510, 44.4691
YIQ	126.1660, -23.2940, 14.6740

# Conversions

## Conversions Part 2

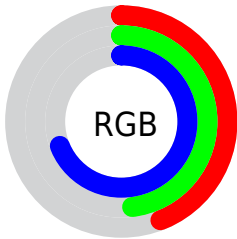
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 122, 177
Decimal	7437233
CIE <sub>Lab</sub>	52.79, 9.71, -29.79
CIE <sub>LCh</sub>	53, 31.332, 288.045
Yxy	20.8510, 0.2505, 0.2393
Android (android.graphics.Color)	4285627313 (0xFF717BB1)
YUV	126.1660, 25.0612, -11.5466
Hunter-Lab	45.6628, 5.4208, -25.7760

# Details

The Hex color **717BB1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1A771**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A7AFE9**, and **3E4B7C** is the 20% darker color. If you saturate the color by 10%, you get **5F6CB1**, and if you desaturate by 10%, it is **838AB1**.

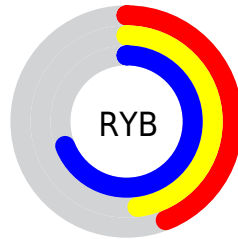
# Distribution



Red (44%)

Green (48%)

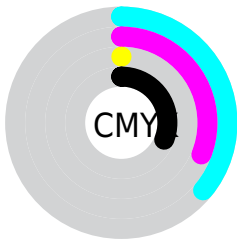
Blue (69%)



Red (44%)

Yellow (48%)

Blue (69%)

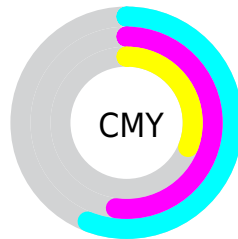


Cyan (36%)

Magenta (31%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (52%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 717BB1 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 717BB1 by changing the saturation by 10% instead.



■ 717BB1

■ 717BB1

FFFFFF

■ 576296

■ A7AFE9

■ 3E4B7C

■ C2CBFF

■ 243463

■ DFE7FF

■ 051F4B

■ FCFFFF

■ 000734

■ 00021E

■ 000000

■ 717BB1

■ 717BB1

■ 5F6CB1

■ 838AB1

■ 4E5DB1

■ 9499B1

■ 3C4EB1

■ A6A8B1

■ 2A3FB1

■ B8B7B1

■ 1830B1

■ CAC6B1

■ 0721B1

■ DBD5B1

■ 001CB1

■ EDE4B1

■ FFF2B1

■ FFFFB1

# Harmonies

## Analogous

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



4284B2



717BB1



9571A2

# Triad

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



717BB1



AB6F57



3D8C72

# Complementary

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



717BB1



B1A771

# 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.



618859



717BB1



997949

# Square

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



717BB1



B2696F



7F814A



0C8C8E

# Rectangle

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



717BB1



A66C93



7F814A



4A8B69



# Sweetspot

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



717BB1



CCD0E6



71B1A6



646673



F2F2F2



737373



# Same Dimension

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



717BB1



8392E6



8671B1



505259



001899



00041A



# Inverse Universe

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



B1717B



E68392



9CB171



595052



990018

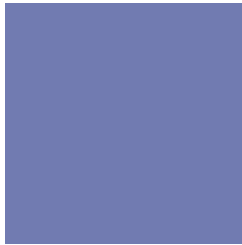


1A0004



# Previews

## White Background



This preview shows how the Hex color 717BB1 looks on a white background.

## Color Contrast Check

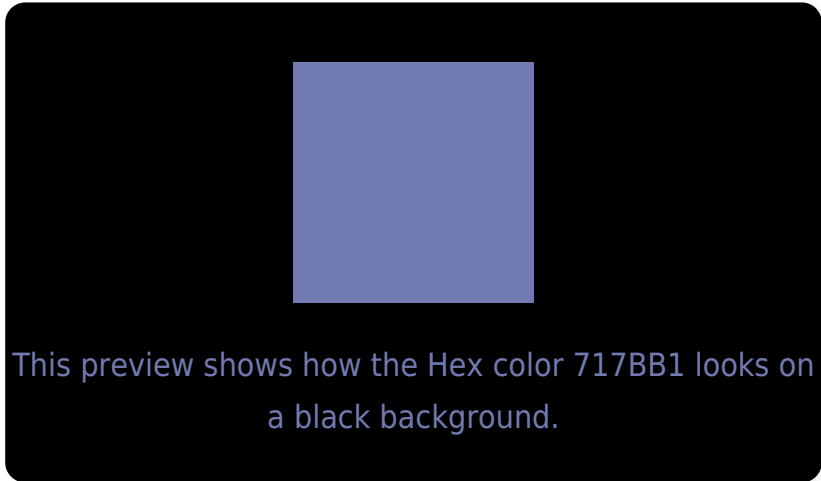
Large Text (above 18pt) WCAG AA ✓ Pass

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 717BB1 Background



This preview shows how black text looks on a background with the Hex color 717BB1.



This preview shows how white text looks on a background with the Hex color 717BB1.

# 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**  
717BB1

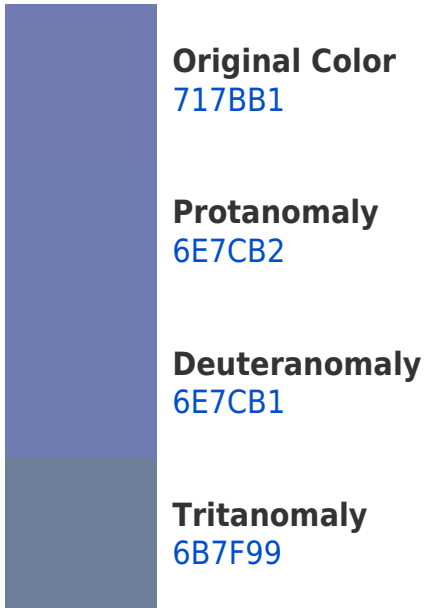
**Protanopia**  
6D7CB2

**Deuteranopia**  
6C7CB1



**Tritanopia**  
68828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 717BB1 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 #717BB1 looks like.

```
.text, #text, p{  
    color:#717BB1  
}
```

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 #717BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717BB1
}
```

## Border

The CSS property to change the border of an element to Hex 717BB1 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
#717BB1 }
```

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

```
.border{ border-color:#717BB1 }
```

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

Here you see how a box with a 4 pixel #717BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717BB1; -webkit-box-shadow:4px 4px  
4px 4px #717BB1; box-shadow:4px 4px 4px  
4px #717BB1 }
```

# Background

The CSS property to change the background color of an element to Hex 717BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717BB1 }
```

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

```
.background{ background-color:#717BB1 }
```

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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