

# Converting Colors

Hex(717EDC)

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

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# **Color**

**Hex(717EDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	717EDC
RGB	113, 126, 220
RGB Percent	44%, 49%, 86%
CMY	0.5569, 0.5059, 0.1373
CMYK	0.49, 0.43, 0.00, 0.14
HSL	233°, 60%, 65%
HSV	233°, 49%, 86%
XYZ	27.1892, 23.5997, 70.8323
YIQ	132.8290, -37.9220, 26.4780

# Conversions

## Conversions Part 2

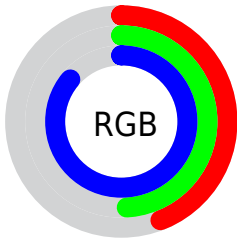
Format	Color
R <sub>Y</sub> B	113, 125, 220
Decimal	7438044
CIE Lab	55.68, 20.46, -49.70
CIE LCh	56, 53.749, 292.379
Yxy	23.5997, 0.2236, 0.1940
Android (android.graphics.Color)	4285628124 (0xFF717EDC)
YUV	132.8290, 42.9753, -17.3900
Hunter-Lab	48.5795, 14.8893, -52.4432

# Details

The Hex color **717EDC** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DCCF71**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **AAB2FF**, and **364DA4** is the 20% darker color. If you saturate the color by 10%, you get **5B6BDC**, and if you desaturate by 10%, it is **8791DC**.

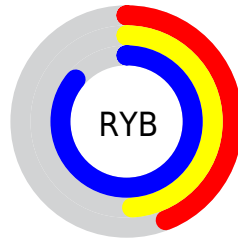
# Distribution



Red (44%)

Green (49%)

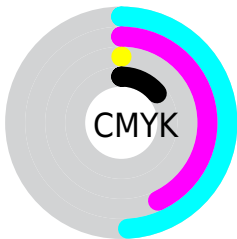
Blue (86%)



Red (44%)

Yellow (49%)

Blue (86%)

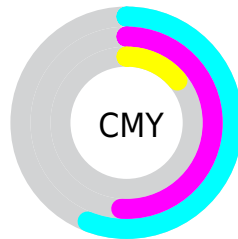


Cyan (49%)

Magenta (43%)

Yellow (0%)

Black (14%)



Cyan (56%)

Magenta (51%)

Yellow (14%)

# Brightness & Saturation Gradients

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



 717EDC

 717EDC

FFFFFF

 5465C0

 AAB2FF

 364DA4

 C7CEFF

 0E378A

 E4EAFF

 002270

 000F57

 00053F

 000328

 000111

 000000

 717EDC

 717EDC

 5B6BDC

 8791DC

 4557DC


 9DA5DC

 2F44DC

 B3B8DC

 1931DC

 C9CBDC

 031DDC

 DFDFDC

 001BDC

 F5F2DC

 FFFFDC

# Harmonies

## Analogous

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



008EE2



717EDC



B36ABF

# Triad

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



717EDC



C96D3C



009B78

# Complementary

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



717EDC



DCCF71

# 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.



419749



717EDC



A87F21

# Square

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



717EDC



DA5D65



7C8D27



009CA8

# Rectangle

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



717EDC



CC5FA3



7C8D27



009A67



# Sweetspot

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



717EDC



D9DDFF



71DCCE



696B80



000000



808080



# Same Dimension

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



717EDC



6B7DFF



9871DC



63646E



0015AD



00062E



# Inverse Universe

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



DC717E



FF6B7D



B5DC71



6E6364



AD0015

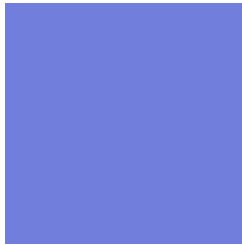


2E0006



# Previews

## White Background



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

## Color Contrast Check

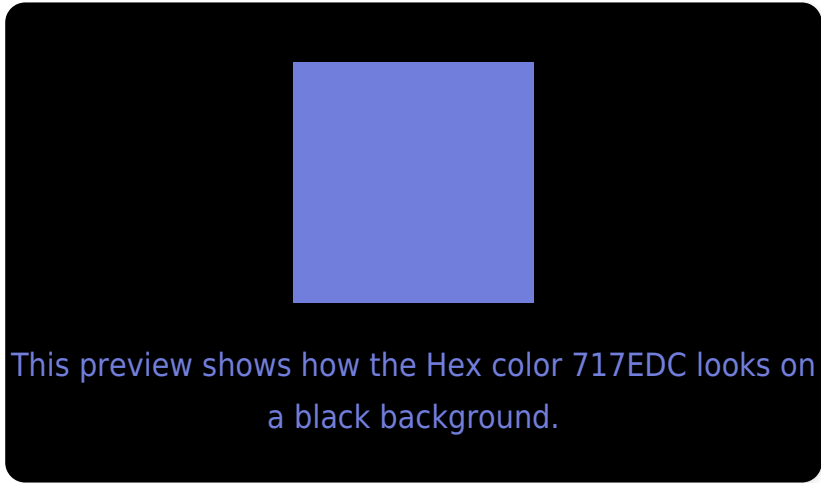
Large Text (above 18pt) WCAG AA ✓ Pass

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 717EDC Background



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

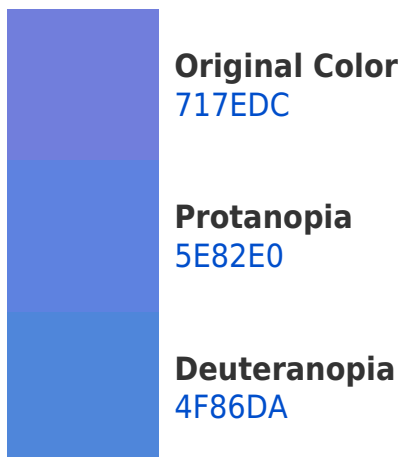



This preview shows how white text looks on a background with the Hex color 717EDC.

# 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](#).

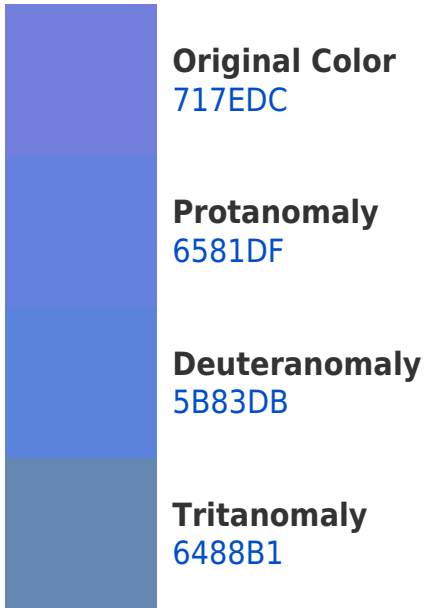
## Dichromacy



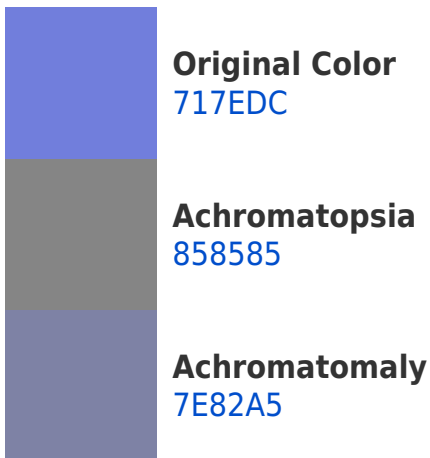


**Tritanopia**  
5D8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #717EDC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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