

# Converting Colors

Hex(707EDB)

Have a look what the booklet for  
Hex(707EDB) contains.

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# **Color**

**Hex(707EDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	707EDB
RGB	112, 126, 219
RGB Percent	44%, 49%, 86%
CMY	0.5608, 0.5059, 0.1412
CMYK	0.49, 0.42, 0.00, 0.14
HSL	232°, 60%, 65%
HSV	232°, 49%, 86%
XYZ	26.9291, 23.4809, 70.1308
YIQ	132.4160, -38.1970, 25.9550

# Conversions

## Conversions Part 2

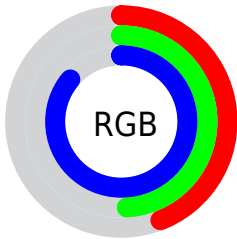
Format	Color
<a href="#">RYB</a>	<a href="#">112, 124, 219</a>
Decimal	<a href="#">7372507</a>
CIELab	<a href="#">55.56, 19.93, -49.33</a>
CIELCh	<a href="#">56, 53.208, 291.997</a>
Yxy	<a href="#">23.4809, 0.2234, 0.1948</a>
Android (android.graphics.Color)	<a href="#">4285562587 (0xFF707EDB)</a>
YUV	<a href="#">132.4160, 42.6859, -17.9048</a>
Hunter-Lab	<a href="#">48.4571, 14.3980, -51.8890</a>

# Details

The Hex color **707EDB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DBCD70**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A9B2FF**, and **354DA3** is the 20% darker color. If you saturate the color by 10%, you get **5A6BDB**, and if you desaturate by 10%, it is **8691DB**.

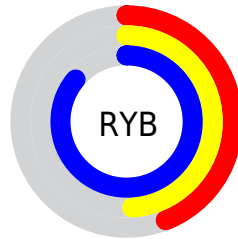
# Distribution



Red (44%)

Green (49%)

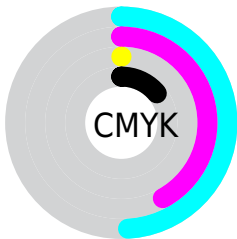
Blue (86%)



Red (44%)

Yellow (49%)

Blue (86%)

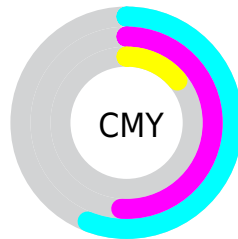


Cyan (49%)

Magenta (42%)

Yellow (0%)

Black (14%)



Cyan (56%)

Magenta (51%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 707EDB 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 707EDB by changing the saturation by 10% instead.



 707EDB

 707EDB

FFFFFF

 5365BF

 A9B2FF

 354DA3

 C6CEFF

 0B3789

 E3EAFF

 00226F

 000F56

 00063E

 000327

 000110

 000000

 707EDB

 707EDB

 5A6BDB

 8691DB

 4458DB

 9CA4DB

 2E45DB

 B2B7DB

 1832DB

 C8CADB

 021FDB

 DDDDDB

 001DDB

 F3F0DB

 FFFFDB

# Harmonies

## Analogous

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



008EE0



707EDB



B16ABF

# Triad

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



707EDB



C96C3D



009B77

# Complementary

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



707EDB



DBCD70

# 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.



429649



707EDB



A87E22

# Square

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



707EDB



D95D65



7D8D27



009BA6

# Rectangle

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



707EDB



CB5FA3



7D8D27



009A67



# Sweetspot

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



707EDB



D9DEFF



70DBCD



696C80



000000



808080



# Same Dimension

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



707EDB



697CFF



9770DB



63646E



0017AD



00062E



# Inverse Universe

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



DB707E



FF697C



B4DB70



6E6364



AD0017

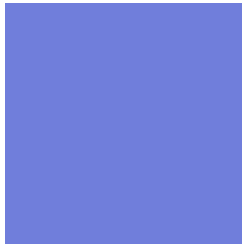


2E0006



# Previews

## White Background



This preview shows how the Hex color 707EDB looks on a white background.

## Color Contrast Check

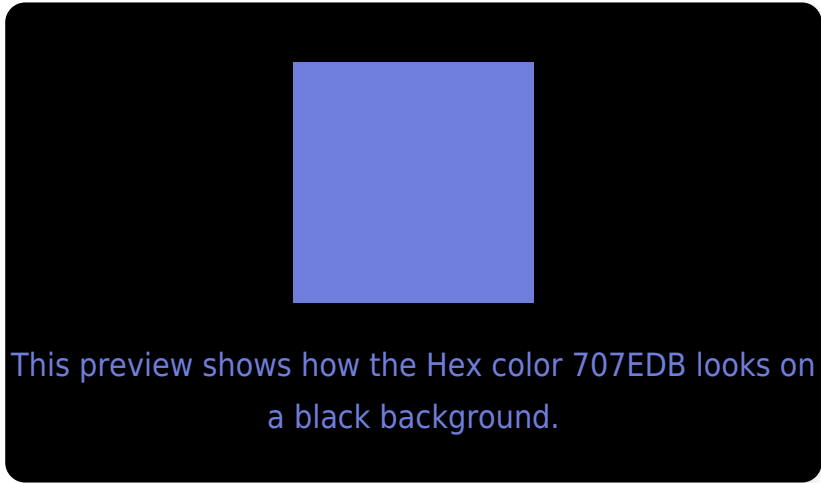
Large Text (above 18pt) WCAG AA ✓ Pass

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

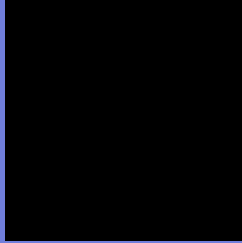
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 707EDB Background



This preview shows how black text looks on a background with the Hex color 707EDB.

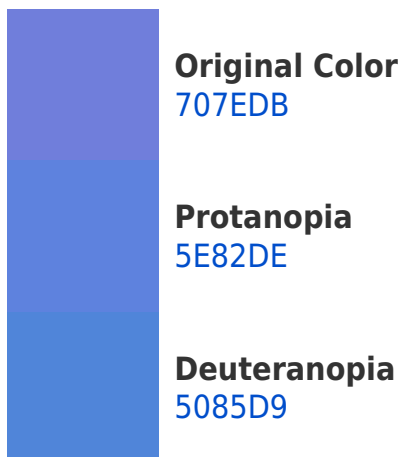


This preview shows how white text looks on a background with the Hex color 707EDB.

# 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](#).

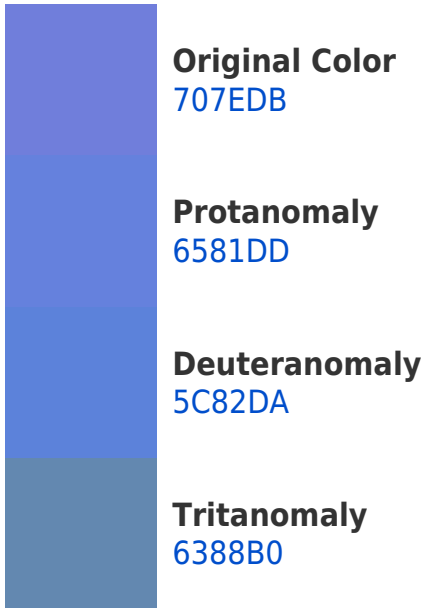
## Dichromacy



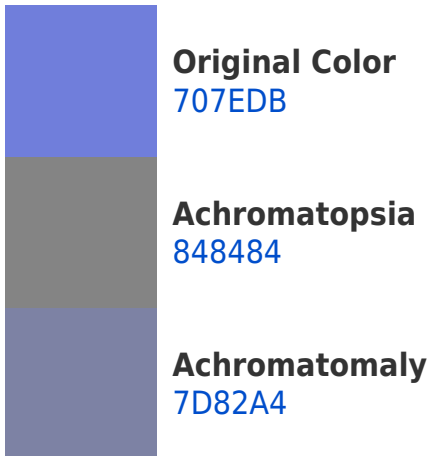


**Tritanopia**  
5C8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 707EDB 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 #707EDB looks like.

```
.text, #text, p{  
    color:#707EDB  
}
```

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 #707EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707EDB
}
```

## Border

The CSS property to change the border of an element to Hex 707EDB 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
#707EDB }
```

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

```
.border{ border-color:#707EDB }
```

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

Here you see how a box with a 4 pixel #707EDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707EDB; -webkit-box-shadow:4px 4px  
4px 4px #707EDB; box-shadow:4px 4px 4px  
4px #707EDB }
```

# Background

The CSS property to change the background color of an element to Hex 707EDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707EDB }
```

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

```
.background{ background-color:#707EDB }
```

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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