

# Converting Colors

Hex(7B5EC3)

Have a look what the booklet for  
Hex(7B5EC3) contains.

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# Color

**Hex(7B5EC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B5EC3
RGB	123, 94, 195
RGB Percent	48%, 37%, 76%
CMY	0.5176, 0.6314, 0.2353
CMYK	0.37, 0.52, 0.00, 0.24
HSL	257°, 46%, 57%
HSV	257°, 52%, 76%
XYZ	22.0214, 16.1565, 53.5876
YIQ	114.1850, -15.1370, 37.5590

# Conversions

## Conversions Part 2

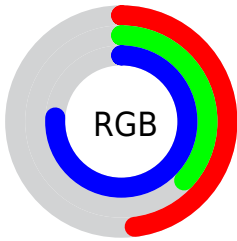
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 94, 195
Decimal	8085187
CIE <sub>Lab</sub>	47.18, 34.77, -48.98
CIE <sub>LCh</sub>	47, 60.064, 305.373
Yxy	16.1565, 0.2400, 0.1761
Android (android.graphics.Color)	4286275267 (0xFF7B5EC3)
YUV	114.1850, 39.8418, 7.7308
Hunter-Lab	40.1951, 27.4520, -50.9080

# Details

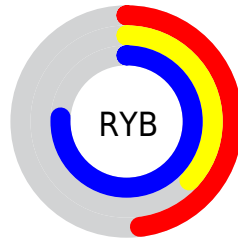
The Hex color **7B5EC3** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **A6C35E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B391FC**, and **452F8D** is the 20% darker color. If you saturate the color by 10%, you get **6D4BC3**, and if you desaturate by 10%, it is **8972C3**.

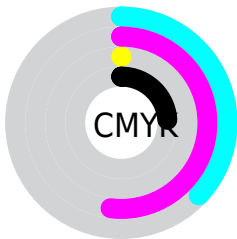
# Distribution



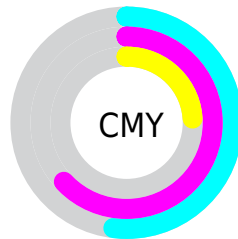
- Red (48%)
- Green (37%)
- Blue (76%)



- Red (48%)
- Yellow (37%)
- Blue (76%)



- Cyan (37%)
- Magenta (52%)
- Yellow (0%)
- Black (24%)



- Cyan (52%)
- Magenta (63%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B5EC3 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 7B5EC3 by changing the saturation by 10% instead.



7B5EC3

7B5EC3

FFFFFF

6046A7

B391FC

452F8D

CFACFF

281872

ECC7FF

010359

FFE4FF

000041

00032A

000114

000000

7B5EC3

7B5EC3

6D4BC3

8972C3

5F37C3

9785C3

5124C3

A599C3

4310C3

B3ACC3

3800C3

C1C0C3

CED3C3

DCE7C3

EAFAC3

F8FFC3

# Harmonies

## Analogous

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



0073D5



7B5EC3



B3459B

# Triad

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



7B5EC3



A75D04



008778

# Complementary

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



7B5EC3



A6C35E

# 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.



008443



7B5EC3



7F7100

# Square

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



7B5EC3



C24638



497D0C



0086A9

# Rectangle

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



7B5EC3



C4397A



497D0C



008666



# Sweetspot

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



7B5EC3



E0D4FC



5EA6C3



6E6780



000000



808080



# Same Dimension

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



7B5EC3



8D60FC



AD5EC3



5A5761



2E00A1



0A0021



# Inverse Universe

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



C35EA6



FC60D0



74C35E



61575E



A10073

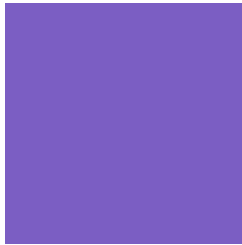


210018



# Previews

## White Background



This preview shows how the Hex color 7B5EC3 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

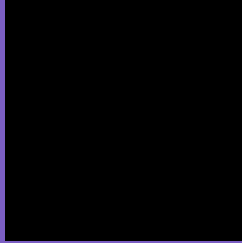
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B5EC3 Background



This preview shows how black text looks on a background with the Hex color 7B5EC3.

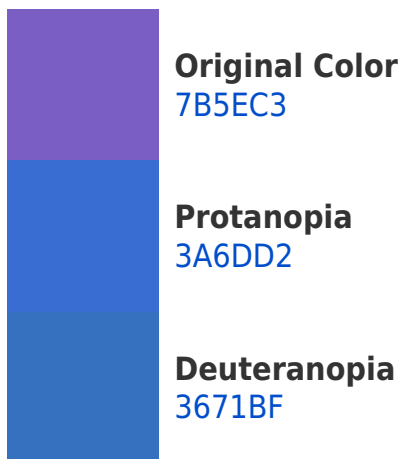


This preview shows how white text looks on a background with the Hex color 7B5EC3.

# 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](#).

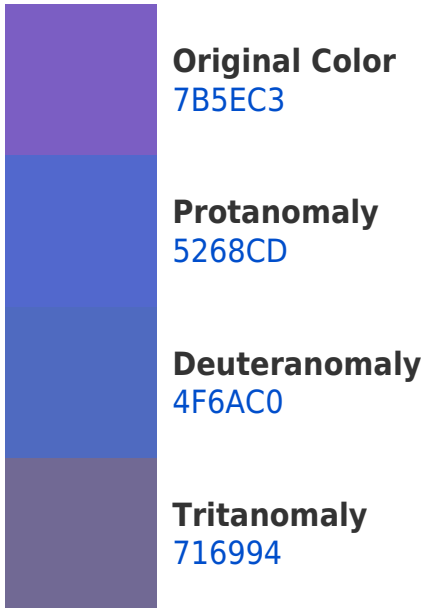
## Dichromacy





**Tritanopia**  
6B7079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B5EC3 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 #7B5EC3 looks like.

```
.text, #text, p{  
    color:#7B5EC3  
}
```

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 #7B5EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5EC3
}
```

## Border

The CSS property to change the border of an element to Hex 7B5EC3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

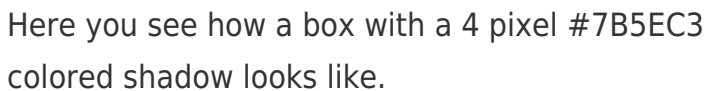
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5EC3 }
```

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

```
.border{ border-color:#7B5EC3 }
```

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



Here you see how a box with a 4 pixel #7B5EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5EC3; -webkit-box-shadow:4px 4px  
4px 4px #7B5EC3; box-shadow:4px 4px 4px  
4px #7B5EC3 }
```

# Background

The CSS property to change the background color of an element to Hex 7B5EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5EC3 }
```

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

```
.background{ background-color:#7B5EC3 }
```

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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