

# Converting Colors

Hex(7B7FCE)

Have a look what the booklet for  
Hex(7B7FCE) contains.

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# Color

**Hex(7B7FCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7FCE
RGB	123, 127, 206
RGB Percent	48%, 50%, 81%
CMY	0.5176, 0.5020, 0.1922
CMYK	0.40, 0.38, 0.00, 0.19
HSL	237°, 46%, 65%
HSV	237°, 40%, 81%
XYZ	26.8983, 23.8459, 61.5775
YIQ	134.8100, -27.7430, 23.7210

# Conversions

## Conversions Part 2

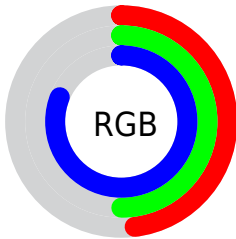
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	123, 127, 206
Decimal	8093646
CIE Lab	55.93, 18.21, -41.37
CIE LCh	56, 45.202, 293.762
Yxy	23.8459, 0.2395, 0.2123
Android (android.graphics.Color)	4286283726 (0xFF7B7FCE)
YUV	134.8100, 35.0967, -10.3574
Hunter-Lab	48.8323, 12.8668, -40.5821

# Details

The Hex color **7B7FCE** is a dark color, and the websafe version is hex **9999FF**. A complement of this color would be **CECA7B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B2B4FF**, and **454E97** is the 20% darker color. If you saturate the color by 10%, you get **666BCE**, and if you desaturate by 10%, it is **9093CE**.

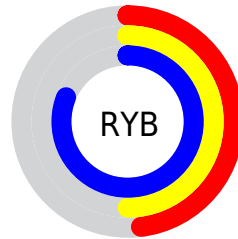
# Distribution



Red (48%)

Green (50%)

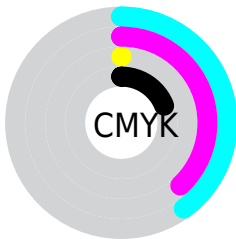
Blue (81%)



Red (48%)

Yellow (50%)

Blue (81%)

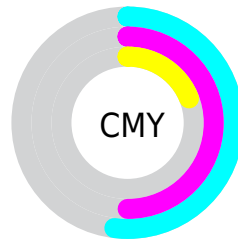


Cyan (40%)

Magenta (38%)

Yellow (0%)

Black (19%)



Cyan (52%)

Magenta (50%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7FCE 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 7B7FCE by changing the saturation by 10% instead.



■ 7B7FCE

■ 7B7FCE

FFFFFF

■ 6066B2

■ B2B4FF

■ 454E97

■ CFCFFF

■ 29387D

■ ECEBFF

■ 012264

■ 000E4B

■ 000434

■ 00021E

■ 000000

■ 7B7FCE

■ 7B7FCE

■ 666BCE

■ 9093CE

■ 5258CE

■ A4A6CE

■ 3D44CE

■ B9BACE

■ 2931CE

■ CDCDCE

■ 141DCE

■ E2E1CE

■ 000ACE

■ F7F5CE

■ FFFFCE

# Harmonies

## Analogous

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



128DD4



7B7FCE



AF6FB5

# Triad

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



7B7FCE



C07248



00997C

# Complementary

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



7B7FCE



CECA7B

# 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.



4E9556



7B7FCE



A48135

# Square

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



7B7FCE



CF6669



7E8D3B



0099A4

# Rectangle

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



7B7FCE



C3679D



7E8D3B



14986F



# Sweetspot

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



7B7FCE



E0E2FF



7BCECA



6E6F80



000000



808080



# Same Dimension

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



7B7FCE



858AFF



A07BCE



5C5C66



0008A6



000226



# Inverse Universe

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



CE7B7F



FF858A



A9CE7B



665C5C



A60008

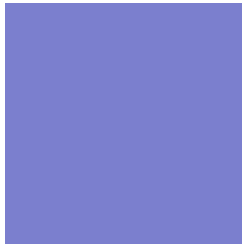


260002



# Previews

## White Background



This preview shows how the Hex color 7B7FCE looks on a white background.

## Color Contrast Check

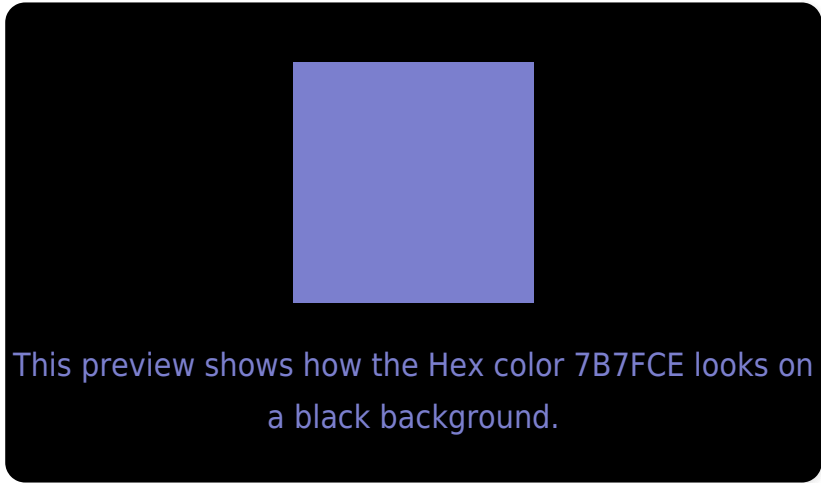
Large Text (above 18pt) WCAG AA ✓ Pass

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

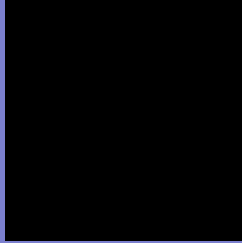
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B7FCE Background



This preview shows how black text looks on a background with the Hex color 7B7FCE.

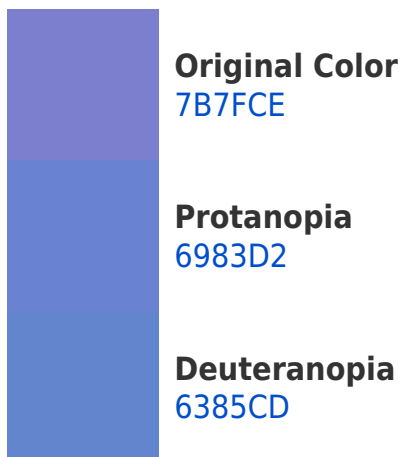


This preview shows how white text looks on a background with the Hex color 7B7FCE.

# 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](#).

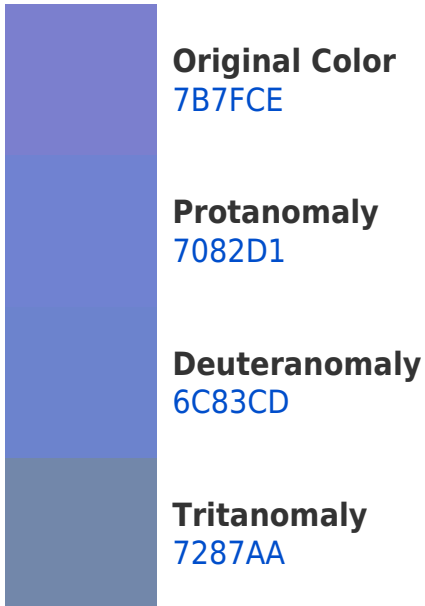
## Dichromacy



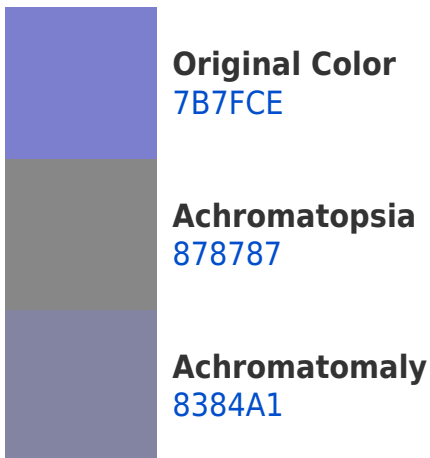


**Tritanopia**  
6D8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7FCE 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 #7B7FCE looks like.

```
.text, #text, p{  
    color:#7B7FCE  
}
```

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 #7B7FCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7FCE
}
```

## Border

The CSS property to change the border of an element to Hex 7B7FCE is called "border". The border property can be set on classes, ids or directly on the HTML element.

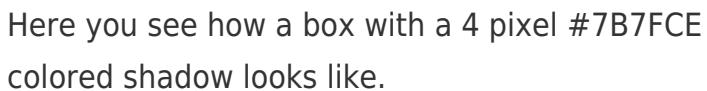
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7FCE }
```

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

```
.border{ border-color:#7B7FCE }
```

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



Here you see how a box with a 4 pixel #7B7FCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7FCE; -webkit-box-shadow:4px 4px  
4px 4px #7B7FCE; box-shadow:4px 4px 4px  
4px #7B7FCE }
```

# Background

The CSS property to change the background color of an element to Hex 7B7FCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7FCE }
```

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

```
.background{ background-color:#7B7FCE }
```

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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