

# Converting Colors

Hex(7C7CE8)

Have a look what the booklet for  
Hex(7C7CE8) contains.

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# **Color**

**Hex(7C7CE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C7CE8
RGB	124, 124, 232
RGB Percent	49%, 49%, 91%
CMY	0.5137, 0.5137, 0.0902
CMYK	0.47, 0.47, 0.00, 0.09
HSL	240°, 70%, 70%
HSV	240°, 47%, 91%
XYZ	30.0853, 24.5266, 79.4924
YIQ	136.3120, -34.6680, 33.5880

# Conversions

## Conversions Part 2

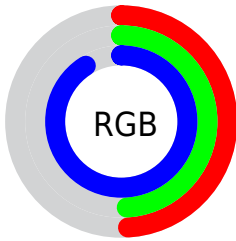
Format	Color
<a href="#">RYB</a>	<a href="#">124, 124, 232</a>
Decimal	<a href="#">8158440</a>
CIELab	<a href="#">56.61, 27.78, -54.90</a>
CIELCh	<a href="#">57, 61.523, 296.838</a>
Yxy	<a href="#">24.5266, 0.2243, 0.1829</a>
Android (android.graphics.Color)	<a href="#">4286348520</a> ( <a href="#">0xFF7C7CE8</a> )
YUV	<a href="#">136.3120, 47.1742, -10.7976</a>
Hunter-Lab	<a href="#">49.5243, 21.7686, -60.5004</a>

# Details

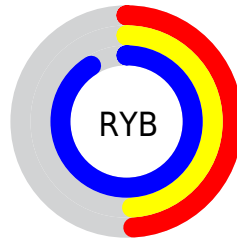
The Hex color **7C7CE8** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E8E87C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B6B1FF**, and **414BB0** is the 20% darker color. If you saturate the color by 10%, you get **6565E8**, and if you desaturate by 10%, it is **9393E8**.

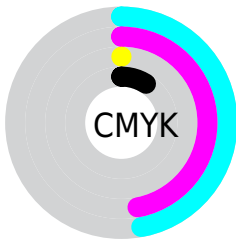
# Distribution



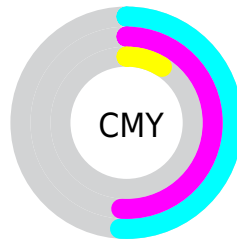
- Red (49%)
- Green (49%)
- Blue (91%)



- Red (49%)
- Yellow (49%)
- Blue (91%)



- Cyan (47%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (51%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7CE8 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 7C7CE8 by changing the saturation by 10% instead.



7C7CE8

7C7CE8

FFFFFF

5F63CB

B6B1FF

414BB0

D3CCFF

1E3594

F0E8FF

00207A

000D61

000048

000431

00011B

000000

 7C7CE8

 7C7CE8

 6565E8

 9393E8

 4E4EE8

 AAAAE8

 3636E8

 C2C2E8

 1F1FE8

 D9D9E8

 0808E8

 F0F0E8

 0000E8

 FFFFE8

# Harmonies

## Analogous

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



0090F3



7C7CE8



C363C3

# Triad

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



7C7CE8



CF6E2C



00A080

# Complementary

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



7C7CE8



E8E87C

# 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.



1C9C4A



7C7CE8



A78302

# Square

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



7C7CE8



E5585B



739319



00A0B7

# Rectangle

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



7C7CE8



DC56A2



739319



009F6E



# Sweetspot

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



7C7CE8



DBDBFF



7CE8E8



6A6A80



000000



808080



# Same Dimension

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



7C7CE8



7070FF



B27CE8



676773



0000B3



000033



# Inverse Universe

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



E87CE8



FF70FF



B2E87C



736773



B300B3

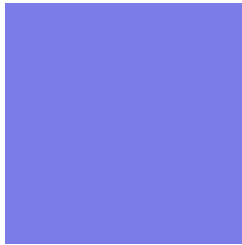


330033



# Previews

## White Background



This preview shows how the Hex color 7C7CE8 looks on a white background.

## Color Contrast Check

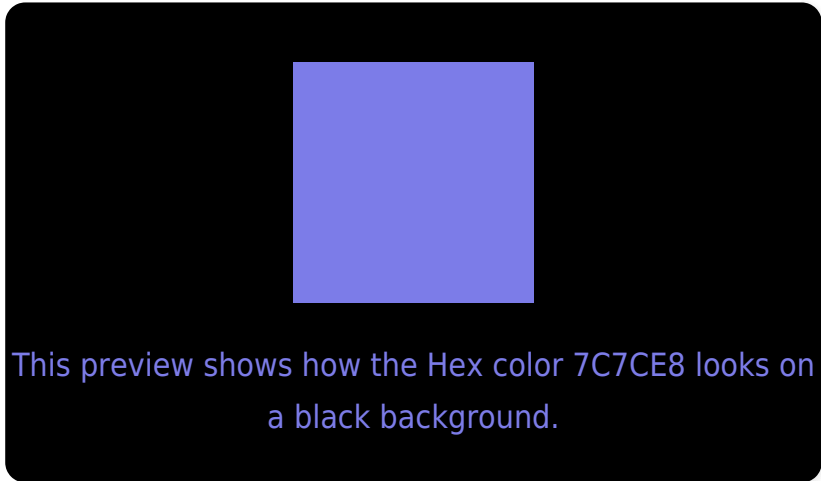
Large Text (above 18pt) WCAG AA ✓ Pass

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

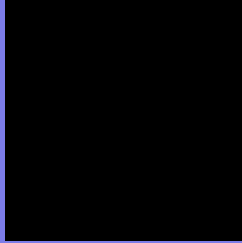
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C7CE8 Background



This preview shows how black text looks on a background with the Hex color 7C7CE8.



This preview shows how white text looks on a background with the Hex color 7C7CE8.

# 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](#).

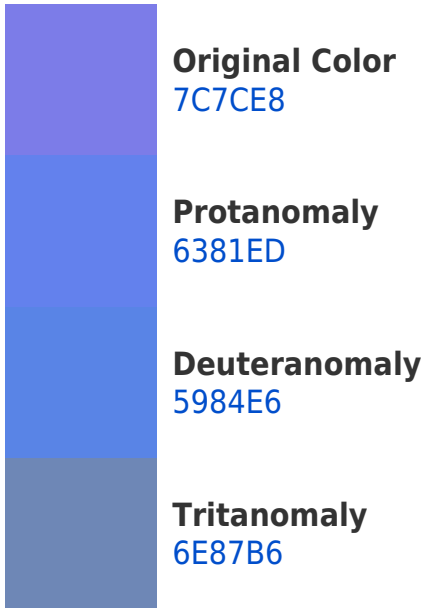
## Dichromacy



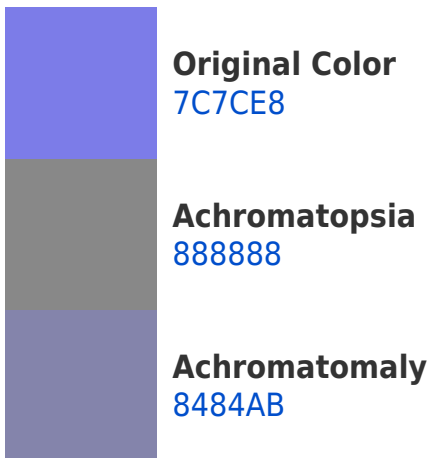


**Tritanopia**  
668E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7CE8 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 #7C7CE8 looks like.

```
.text, #text, p{  
    color:#7C7CE8  
}
```

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 #7C7CE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7CE8
}
```

## Border

The CSS property to change the border of an element to Hex 7C7CE8 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
#7C7CE8 }
```

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

```
.border{ border-color:#7C7CE8 }
```

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

Here you see how a box with a 4 pixel #7C7CE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7CE8; -webkit-box-shadow:4px 4px  
4px 4px #7C7CE8; box-shadow:4px 4px 4px  
4px #7C7CE8 }
```

# Background

The CSS property to change the background color of an element to Hex 7C7CE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7CE8 }
```

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

```
.background{ background-color:#7C7CE8 }
```

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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