

# Converting Colors

Hex(7B96CF)

Have a look what the booklet for  
Hex(7B96CF) contains.

<b>Hex(7B96CF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7B96CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B96CF
RGB	123, 150, 207
RGB Percent	48%, 59%, 81%
CMY	0.5176, 0.4118, 0.1882
CMYK	0.41, 0.28, 0.00, 0.19
HSL	221°, 47%, 65%
HSV	221°, 41%, 81%
XYZ	30.3372, 30.5286, 63.3252
YIQ	148.4250, -34.3890, 12.0030

# Conversions

## Conversions Part 2

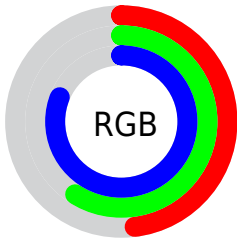
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 143, 207
Decimal	8099535
CIE <sub>Lab</sub>	62.11, 5.03, -32.27
CIE <sub>LCh</sub>	62, 32.665, 278.862
Yxy	30.5286, 0.2443, 0.2458
Android (android.graphics.Color)	4286289615 (0xFF7B96CF)
YUV	148.4250, 28.8775, -22.2977
Hunter-Lab	55.2527, 1.3154, -29.2754

# Details

The Hex color **7B96CF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CFB47B**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B2CCFF**, and **456398** is the 20% darker color. If you saturate the color by 10%, you get **6688CF**, and if you desaturate by 10%, it is **90A4CF**.

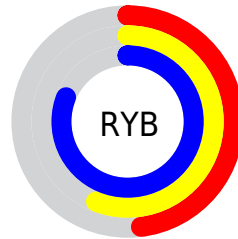
# Distribution



Red (48%)

Green (59%)

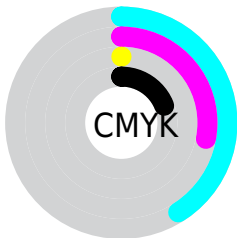
Blue (81%)



Red (48%)

Yellow (56%)

Blue (81%)

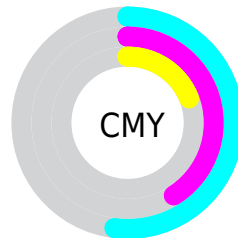


Cyan (41%)

Magenta (28%)

Yellow (0%)

Black (19%)



Cyan (52%)

Magenta (41%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B96CF 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 7B96CF by changing the saturation by 10% instead.



■ 7B96CF

■ 7B96CF

FFFFFF

■ 607CB3

■ B2CCFF

■ 456398

■ CFE8FF

■ 294C7E

■ ECFFFF

■ 043565

■ 00214D

■ 000836

■ 000220

■ 000003

■ 000000

 7B96CF

 7B96CF

 6688CF

 90A4CF

 527ACF

 A4B2CF

 3D6CCF

 B9C0CF

 285ECF

 CECECF

 1450CF

 E3DCCF

 0043CF

 F7EACF

 FFF8CF

 FFFF CF

# Harmonies

## Analogous

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



4B9FCB



7B96CF



A58BC3

# Triad

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



7B96CF



CB8473



5EA480

# Complementary

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



7B96CF



CFB47B

# 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.



819F68



7B96CF



BB8D61

# Square

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



7B96CF



CE808E



A1975C



39A69E

# Rectangle

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



7B96CF



BA85B4



A1975C



6AA377



# Sweetspot

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



7B96CF



E0EAFB



7BCFB3



6E7380



000000



808080



# Same Dimension

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



7B96CF



82AAFF



897BCF



5E6169



0036A8



000D29



# Inverse Universe

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



CF7B96



FF82AA



C1CF7B



695E61



A80036

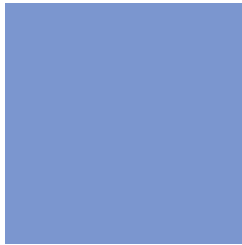


29000D



# Previews

## White Background



This preview shows how the Hex color 7B96CF looks on a white background.

## Color Contrast Check

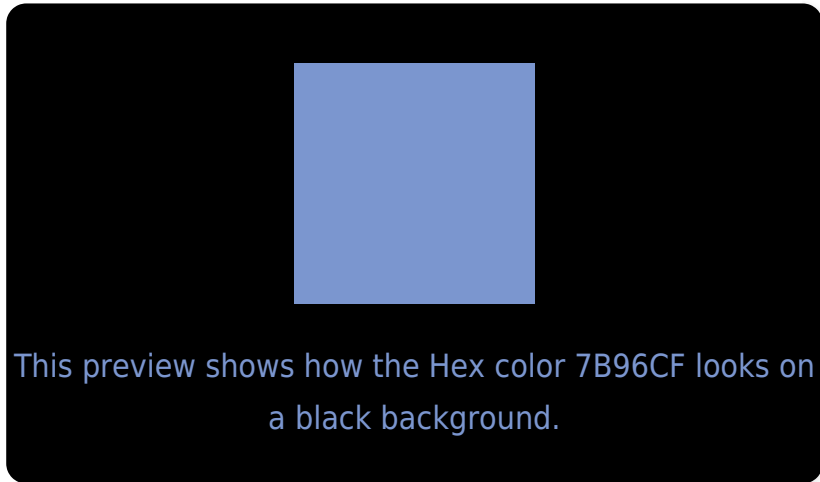
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

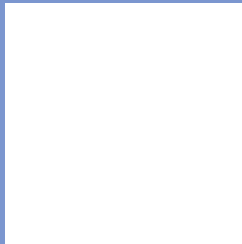
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B96CF Background



This preview shows how black text looks on a background with the Hex color 7B96CF.



This preview shows how white text looks on a background with the Hex color 7B96CF.

# 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



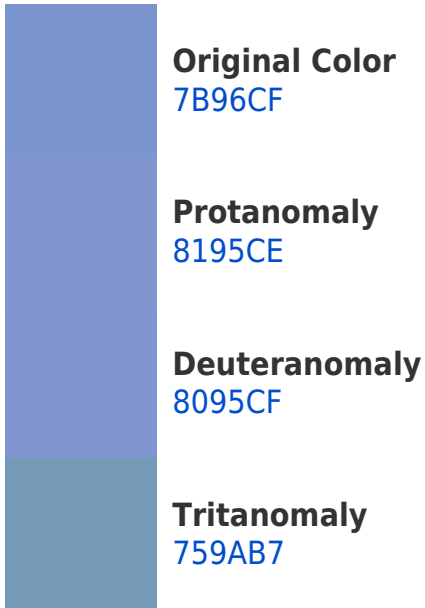
**Original Color**  
7B96CF

**Protanopia**  
8594CD

**Deuteranopia**  
8394CF



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B96CF 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 #7B96CF looks like.

```
.text, #text, p{  
    color:#7B96CF  
}
```

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 #7B96CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B96CF
}
```

## Border

The CSS property to change the border of an element to Hex 7B96CF 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
#7B96CF }
```

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

```
.border{ border-color:#7B96CF }
```

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

Here you see how a box with a 4 pixel #7B96CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B96CF; -webkit-box-shadow:4px 4px  
4px 4px #7B96CF; box-shadow:4px 4px 4px  
4px #7B96CF }
```

# Background

The CSS property to change the background color of an element to Hex 7B96CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B96CF }
```

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

```
.background{ background-color:#7B96CF }
```

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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