

# Converting Colors

Hex(7D93CD)

Have a look what the booklet for  
Hex(7D93CD) contains.

<b>Hex(7D93CD)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Hex(7D93CD)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7D93CD
RGB	125, 147, 205
RGB Percent	49%, 58%, 80%
CMY	0.5098, 0.4235, 0.1961
CMYK	0.39, 0.28, 0.00, 0.20
HSL	224°, 44%, 65%
HSV	224°, 39%, 80%
XYZ	29.9106, 29.6352, 61.9013
YIQ	147.0340, -31.7300, 13.3740

# Conversions

## Conversions Part 2

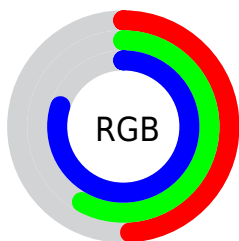
Format	Color
<a href="#">RYB</a>	<a href="#">125, 142, 205</a>
Decimal	<a href="#">8229837</a>
CIELab	<a href="#">61.34, 6.74, -32.34</a>
CIELCh	<a href="#">61, 33.036, 281.772</a>
Yxy	<a href="#">29.6352, 0.2463, 0.2440</a>
Android (android.graphics.Color)	<a href="#">4286419917</a> (0xFF7D93CD)
YUV	<a href="#">147.0340, 28.5772, -19.3238</a>
Hunter-Lab	<a href="#">54.4382, 2.8084, -29.3115</a>

# Details

The Hex color **7D93CD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CDB77D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B4C9FF**, and **486196** is the 20% darker color. If you saturate the color by 10%, you get **6984CD**, and if you desaturate by 10%, it is **92A2CD**.

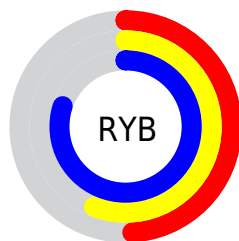
# Distribution



Red (49%)

Green (58%)

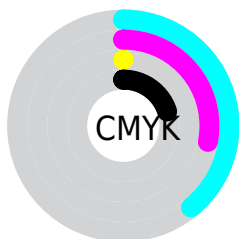
Blue (80%)



Red (49%)

Yellow (56%)

Blue (80%)

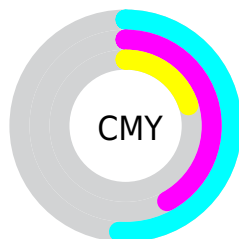


Cyan (39%)

Magenta (28%)

Yellow (0%)

Black (20%)



Cyan (51%)

Magenta (42%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D93CD 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 7D93CD by changing the saturation by 10% instead.



 7D93CD

FFFFFF

 B4C9FF

 D0E5FF

 EDFFFF

 7D93CD

 6279B1

 486196

 2D497C

 0C3363

 001E4B

 000434

 00021E

 000000

 7D93CD

 7D93CD

 6984CD 92A2CD 5475CD A6B1CD 3F66CD BBC0CD 2B58CD CFCECD 1649CD E3DDCD 023ACD F8ECCD 0038CD FFFBCD FFFFCD

# Harmonies

## Analogous

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



4C9CCB



7D93CD



A688C0

# Triad

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



7D93CD



C9836F



58A281

# Complementary

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



7D93CD



CDB77D

# 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.



7C9E68



7D93CD



B78C5D

# Square

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



7D93CD



CD7E8A



9C965A



30A49F

# Rectangle

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



7D93CD



BA82B0



9C965A



64A177



# Sweetspot

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



7D93CD



E0E9FF



7DCDB6



6E7380



000000



808080



# Same Dimension

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



7D93CD



87A8FF



8E7DCD



5C5F66



002EA6



000B26



# Inverse Universe

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



CD7D93



FF87A8



BCCD7D



665C5F



A6002E

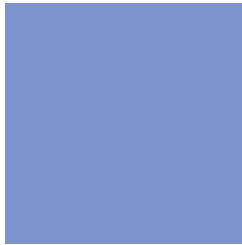


26000B



# Previews

## White Background



This preview shows how the Hex color 7D93CD looks on a white background.

## Color Contrast Check

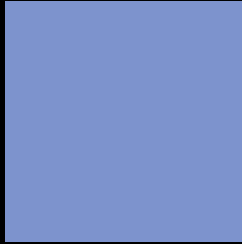
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 7D93CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

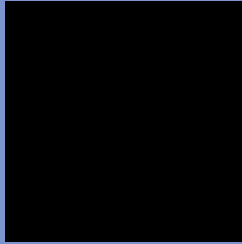
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7D93CD Background



This preview shows how black text looks on a background with the Hex color 7D93CD.



This preview shows how white text looks on a background with the Hex color 7D93CD.

# 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**

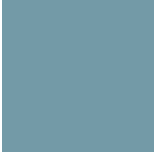
7D93CD

**Protanopia**

8292CC

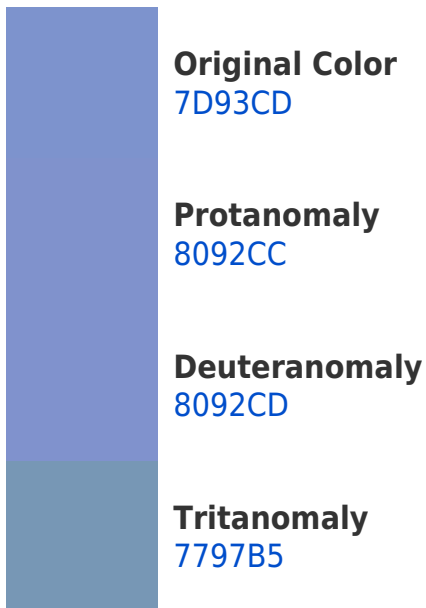
**Deuteranopia**

8192CD



**Tritanopia**  
739AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D93CD 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 #7D93CD looks like.

```
.text, #text, p{  
    color:#7D93CD  
}
```

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 #7D93CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D93CD
}
```

## Border

The CSS property to change the border of an element to Hex 7D93CD 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
#7D93CD }
```

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

```
.border{ border-color:#7D93CD }
```

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

Here you see how a box with a 4 pixel #7D93CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D93CD; -webkit-box-shadow:4px 4px  
4px 4px #7D93CD; box-shadow:4px 4px 4px  
4px #7D93CD }
```

# Background

The CSS property to change the background color of an element to Hex 7D93CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D93CD }
```

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

```
.background{ background-color:#7D93CD }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor