

# Converting Colors

Hex(4D7CD2)

Have a look what the booklet for  
Hex(4D7CD2) contains.

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# Color

Hex(4D7CD2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D7CD2
RGB	77, 124, 210
RGB Percent	30%, 49%, 82%
CMY	0.6980, 0.5137, 0.1765
CMYK	0.63, 0.41, 0.00, 0.18
HSL	219°, 60%, 56%
HSV	219°, 63%, 82%
XYZ	21.9011, 20.6462, 63.8036
YIQ	119.7510, -55.6180, 16.7820

# Conversions

## Conversions Part 2

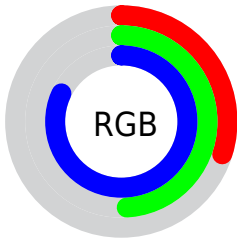
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">77, 112, 210</a>
Decimal	<a href="#">5078226</a>
CIELab	<a href="#">52.56, 11.02, -49.16</a>
CIELCh	<a href="#">53, 50.375, 282.632</a>
Yxy	<a href="#">20.6462, 0.2059, 0.1941</a>
Android (android.graphics.Color)	<a href="#">4283268306 (0xFF4D7CD2)</a>
YUV	<a href="#">119.7510, 44.4928, -37.4926</a>
Hunter-Lab	<a href="#">45.4381, 6.5199, -51.4475</a>

# Details

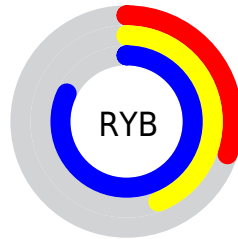
The Hex color **4D7CD2** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **D2A34D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **89B0FF**, and **004C9B** is the 20% darker color. If you saturate the color by 10%, you get **386ED2**, and if you desaturate by 10%, it is **628AD2**.

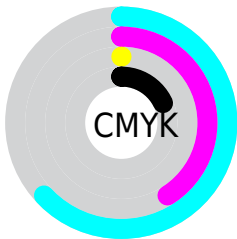
# Distribution



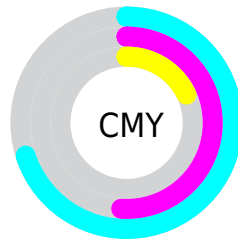
- Red (30%)
- Green (49%)
- Blue (82%)



- Red (30%)
- Yellow (44%)
- Blue (82%)



- Cyan (63%)
- Magenta (41%)
- Yellow (0%)
- Black (18%)



- Cyan (70%)
- Magenta (51%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D7CD2 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 4D7CD2 by changing the saturation by 10% instead.



■ 4D7CD2

■ 4D7CD2

FFFFFF

■ 2A63B6

■ 89B0FF

■ 004C9B

■ A6CBFF

■ 003680

■ C4E7FF

■ 002267

■ E2FFFF

■ 000A4E

■ 000537

■ 000220

■ 000004

■ 000000

■ 4D7CD2

■ 4D7CD2

■ 386ED2

■ 628AD2

■ 2361D2

■ 7797D2

■ 0E53D2

■ 8CA5D2

■ 004AD2

■ A1B2D2

■ B6C0D2

■ CBCDD2

■ E0DBD2

■ F5E9D2

■ FFF6D2

# Harmonies

## Analogous

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



0089D0



4D7CD2



976ABD

# Triad

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



4D7CD2



C36145



009162

# Complementary

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



4D7CD2



D2A34D

# 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.



538B3A



4D7CD2



A97227

# Square

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



4D7CD2



CD566D



838121



00928F

# Rectangle

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



4D7CD2



B55EA6



838121



1E8F54



# Sweetspot

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



4D7CD2



CFE0FF



4DD2A1



626D80



000000



808080



# Same Dimension

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



4D7CD2



3D82FF



5F4DD2



5E6269



003BA8



000E29



# Inverse Universe

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



D24D7C



FF3D82



C0D24D



695E62



A8003B



29000E



# Previews

## White Background



This preview shows how the Hex color 4D7CD2 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 4D7CD2 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

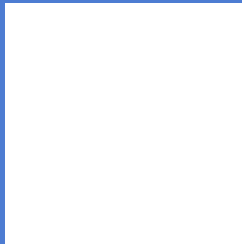
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D7CD2 Background



This preview shows how black text looks on a background with the Hex color 4D7CD2.



This preview shows how white text looks on a background with the Hex color 4D7CD2.

# 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**  
4D7CD2

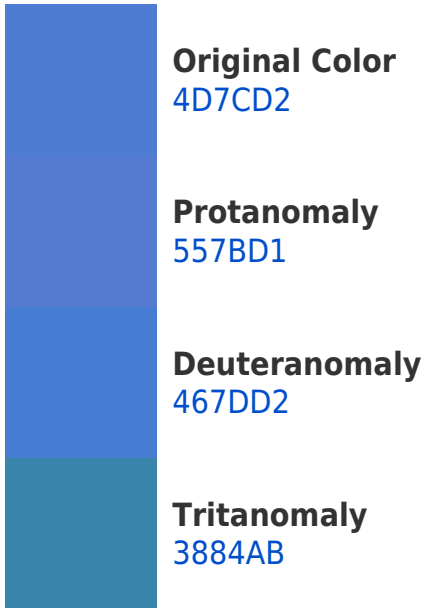
**Protanopia**  
597AD0

**Deuteranopia**  
427ED2



**Tritanopia**  
2C8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D7CD2 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 #4D7CD2 looks like.

```
.text, #text, p{  
    color:#4D7CD2  
}
```

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 #4D7CD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7CD2
}
```

## Border

The CSS property to change the border of an element to Hex 4D7CD2 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
#4D7CD2 }
```

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

```
.border{ border-color:#4D7CD2 }
```

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

Here you see how a box with a 4 pixel #4D7CD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7CD2; -webkit-box-shadow:4px 4px  
4px 4px #4D7CD2; box-shadow:4px 4px 4px  
4px #4D7CD2 }
```

# Background

The CSS property to change the background color of an element to Hex 4D7CD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7CD2 }
```

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

```
.background{ background-color:#4D7CD2 }
```

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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