

# Converting Colors

Hex(4C67D0)

Have a look what the booklet for  
Hex(4C67D0) contains.

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# Color

**Hex(4C67D0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C67D0
RGB	76, 103, 208
RGB Percent	30%, 40%, 82%
CMY	0.7020, 0.5961, 0.1843
CMYK	0.63, 0.50, 0.00, 0.18
HSL	228°, 58%, 56%
HSV	228°, 63%, 82%
XYZ	19.2159, 15.7911, 61.7097
YIQ	106.8970, -49.7970, 26.9310

# Conversions

## Conversions Part 2

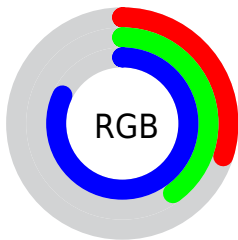
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 98, 208
Decimal	5007312
CIE <sub>Lab</sub>	46.70, 23.20, -57.41
CIE <sub>LCh</sub>	47, 61.921, 292.006
Yxy	15.7911, 0.1987, 0.1633
Android (android.graphics.Color)	4283197392 (0xFF4C67D0)
YUV	106.8970, 49.8438, -27.0967
Hunter-Lab	39.7380, 16.7750, -64.2558

# Details

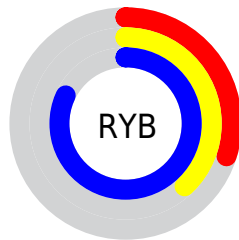
The Hex color **4C67D0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D0B54C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **899AFF**, and **003999** is the 20% darker color. If you saturate the color by 10%, you get **3756D0**, and if you desaturate by 10%, it is **6178D0**.

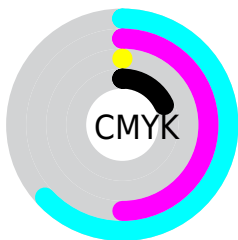
# Distribution



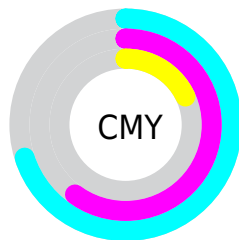
- Red (30%)
- Green (40%)
- Blue (82%)



- Red (30%)
- Yellow (38%)
- Blue (82%)



- Cyan (63%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)



- Cyan (70%)
- Magenta (60%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C67D0 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 4C67D0 by changing the saturation by 10% instead.



■ 4C67D0

■ 4C67D0

FFFFFF

■ 284FB4

■ 899AFF

■ 003999

■ A6B4FF

■ 00247E

■ C4D0FF

■ 001264

■ E2ECFF

■ 00024C

■ 000434

■ 00021E

■ 000000

■ 4C67D0

■ 4C67D0

■ 3756D0

■ 6178D0

■ 2246D0

■ 7688D0

■ 0E35D0

■ 8A99D0

■ 002BD0

■ 9FA9D0

■ B4BAD0

■ C9CAD0

■ DEDBD0

■ F2EBD0

■ FFFCD0

# Harmonies

## Analogous

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



0079D6



4C67D0



9F4DAF

# Triad

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



4C67D0



B6511A



00855F

# Complementary

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



4C67D0



D0B54C

# 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.



058129



4C67D0



916700

# Square

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



4C67D0



C9394B



617700



008694

# Rectangle

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



4C67D0



BB3C90



617700



00844C



# Sweetspot

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



4C67D0



CFD8FF



4CD0B3



626880



000000



808080



# Same Dimension

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



4C67D0



3D65FF



714CD0



5E6069



0022A8



000829



# Inverse Universe

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



D04C67



FF3D65



ABD04C



695E60



A80022

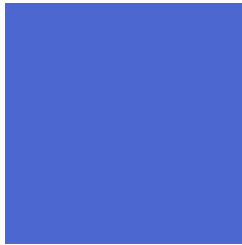


290008



# Previews

## White Background



This preview shows how the Hex color 4C67D0 looks on a white 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

# Black Background



This preview shows how the Hex color 4C67D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

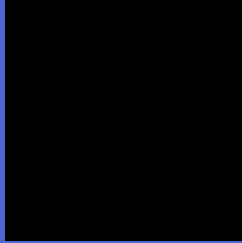
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C67D0 Background



This preview shows how black text looks on a background with the Hex color 4C67D0.

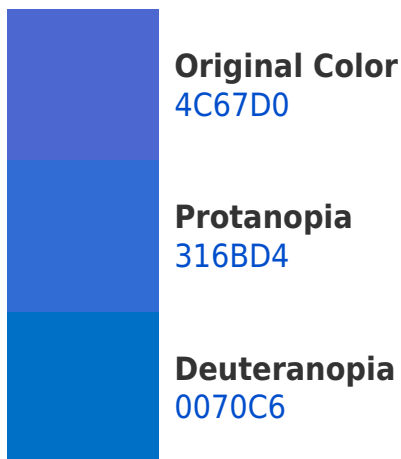



This preview shows how white text looks on a background with the Hex color 4C67D0.

# 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](#).

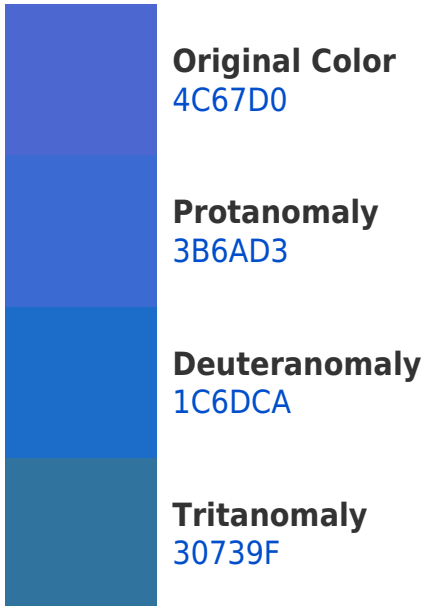
## Dichromacy



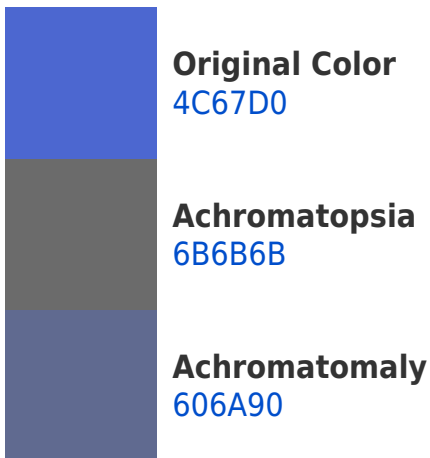


**Tritanopia**  
207A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C67D0 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 #4C67D0 looks like.

```
.text, #text, p{  
    color:#4C67D0  
}
```

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 #4C67D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C67D0
}
```

## Border

The CSS property to change the border of an element to Hex 4C67D0 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
#4C67D0 }
```

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

```
.border{ border-color:#4C67D0 }
```

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

Here you see how a box with a 4 pixel #4C67D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C67D0; -webkit-box-shadow:4px 4px  
4px 4px #4C67D0; box-shadow:4px 4px 4px  
4px #4C67D0 }
```

# Background

The CSS property to change the background color of an element to Hex 4C67D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C67D0 }
```

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

```
.background{ background-color:#4C67D0 }
```

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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