

# Converting Colors

Hex(4D5DCC)

Have a look what the booklet for  
Hex(4D5DCC) contains.

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# Color

Hex(4D5DCC)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D5DCC
RGB	77, 93, 204
RGB Percent	30%, 36%, 80%
CMY	0.6980, 0.6353, 0.2000
CMYK	0.62, 0.54, 0.00, 0.20
HSL	232°, 55%, 55%
HSV	232°, 62%, 80%
XYZ	17.8740, 13.7661, 58.8418
YIQ	100.8700, -45.1670, 31.1290

# Conversions

## Conversions Part 2

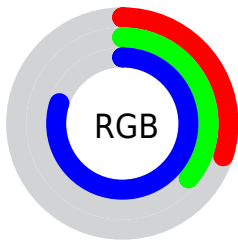
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 91, 204
Decimal	5070284
CIELab	43.90, 28.29, -59.64
CIElCh	44, 66.008, 295.377
Yxy	13.7661, 0.1975, 0.1521
Android (android.graphics.Color)	4283260364 (0xFF4D5DCC)
YUV	100.8700, 50.8431, -20.9340
Hunter-Lab	37.1027, 21.0615, -68.0571

# Details

The Hex color **4D5DCC** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CCBC4D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **898FFF**, and **003095** is the 20% darker color. If you saturate the color by 10%, you get **394BCC**, and if you desaturate by 10%, it is **616FCC**.

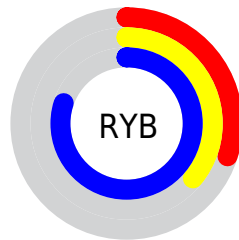
# Distribution



Red (30%)

Green (36%)

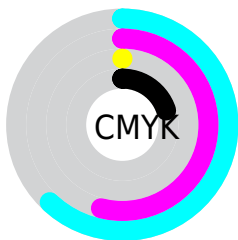
Blue (80%)



Red (30%)

Yellow (36%)

Blue (80%)

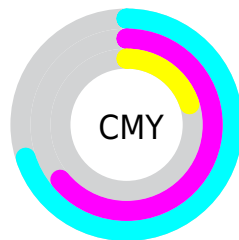


Cyan (62%)

Magenta (54%)

Yellow (0%)

Black (20%)



Cyan (70%)

Magenta (64%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D5DCC 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 4D5DCC by changing the saturation by 10% instead.



■ 4D5DCC

■ 4D5DCC

FFFFFF

■ 2A46B0

■ 898FFF

■ 003095

■ A7AAFF

■ 001B7A

■ C4C5FF

■ 000661

■ E2E1FF

■ 000748

■ FFFDFD

■ 000431

■ 00011B

■ 000000

■ 4D5DCC

■ 4D5DCC

■ 394BCC

■ 616FCC

■ 2439CC

■ 7681CC

■ 1028CC

■ 8A92CC

■ 001ACC

■ 9FA4CC

■ B3B6CC

■ C7C8CC

■ DCDACC

■ F0ECCC

■ FFFDCC

# Harmonies

## Analogous

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



0071D6



4D5DCC



A03FA7

# Triad

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



4D5DCC



AD4A00



007F5D

# Complementary

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



4D5DCC



CCBC4D

# 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.



007B23



4D5DCC



856300

# Square

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



4D5DCC



C42B3D



517200



007F96

# Rectangle

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



4D5DCC



BB2985



517200



007E4A



# Sweetspot

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



4D5DCC



CFD5FF



4DCCBB



626680



000000



808080



# Same Dimension

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



4D5DCC



4058FF



7C4DCC



5C5D66



0015A6



000526



# Inverse Universe

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



CC4D5D



FF4058



9DCC4D



665C5D



A60015

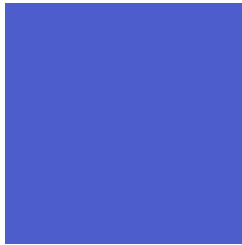


260005



# Previews

## White Background



This preview shows how the Hex color 4D5DCC looks on a white background.

## Color Contrast Check

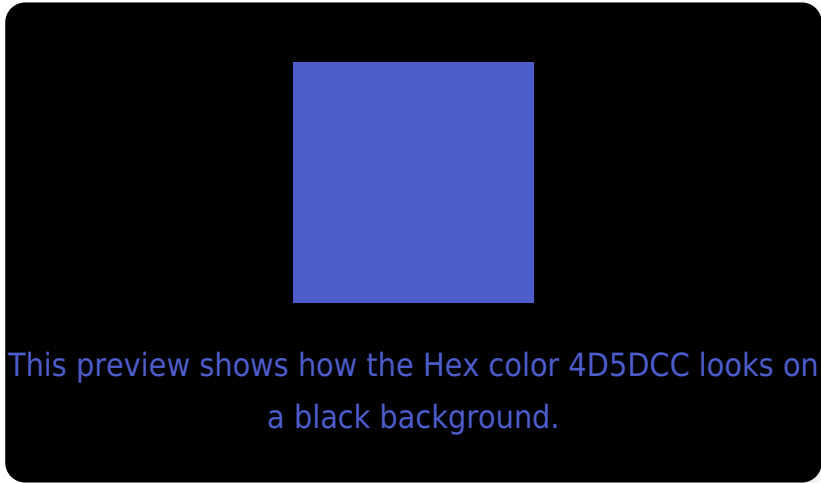
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

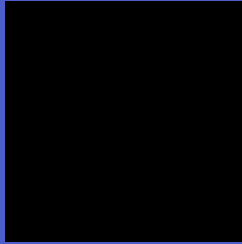
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D5DCC Background



This preview shows how black text looks on a background with the Hex color 4D5DCC.

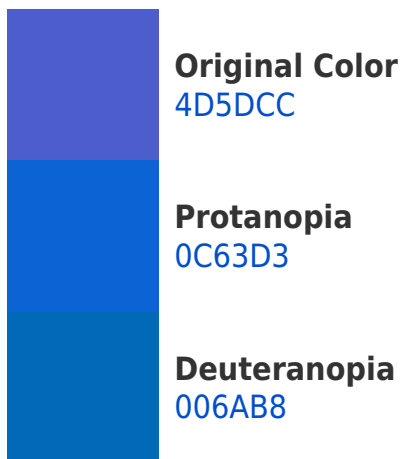


This preview shows how white text looks on a background with the Hex color 4D5DCC.

# 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](#).

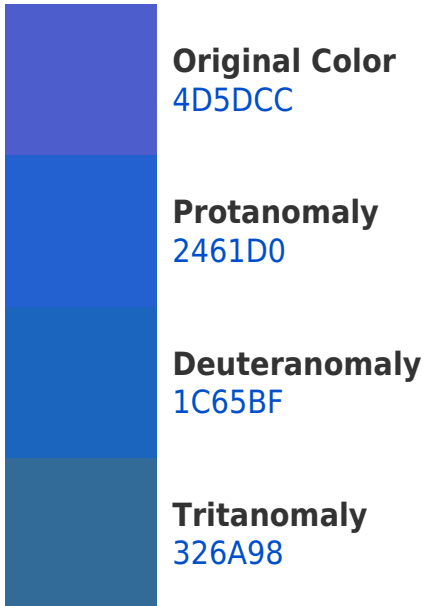
## Dichromacy



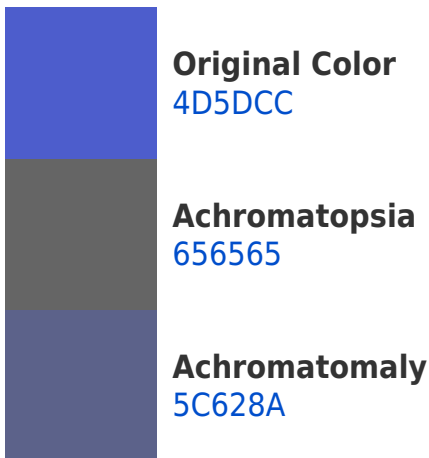


**Tritanopia**  
22727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D5DCC 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 #4D5DCC looks like.

```
.text, #text, p{  
    color:#4D5DCC  
}
```

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 #4D5DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5DCC
}
```

## Border

The CSS property to change the border of an element to Hex 4D5DCC 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
#4D5DCC }
```

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

```
.border{ border-color:#4D5DCC }
```

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

Here you see how a box with a 4 pixel #4D5DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5DCC; -webkit-box-shadow:4px 4px  
4px 4px #4D5DCC; box-shadow:4px 4px 4px  
4px #4D5DCC }
```

# Background

The CSS property to change the background color of an element to Hex 4D5DCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5DCC }
```

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

```
.background{ background-color:#4D5DCC }
```

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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