

Converting Colors

Hex(4D80DD)

Have a look what the booklet for
Hex(4D80DD) contains.

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Color

Hex(4D80DD)

Conversions

Conversions Part 1

Format	Color
Hex	4D80DD
RGB	77, 128, 221
RGB Percent	30%, 50%, 87%
CMY	0.6980, 0.4980, 0.1333
CMYK	0.65, 0.42, 0.00, 0.13
HSL	219°, 68%, 58%
HSV	219°, 65%, 87%
XYZ	23.8309, 22.2366, 71.4427
YIQ	123.3530, -60.2490, 18.1110

Conversions

Conversions Part 2

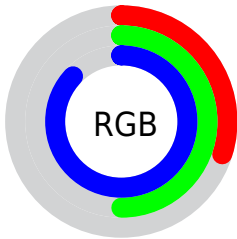
Format	Color
RYB	77, 115, 221
Decimal	5079261
CIELab	54.28, 12.37, -52.62
CIELCh	54, 54.058, 283.225
Yxy	22.2366, 0.2028, 0.1892
Android (android.graphics.Color)	4283269341 (0xFF4D80DD)
YUV	123.3530, 48.1400, -40.6516
Hunter-Lab	47.1557, 7.6854, -56.8177

Details

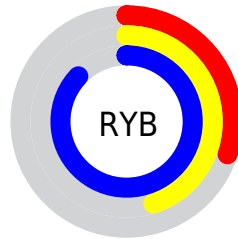
The Hex color **4D80DD** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **DDAA4D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **8BB4FF**, and **0050A5** is the 20% darker color. If you saturate the color by 10%, you get **3772DD**, and if you desaturate by 10%, it is **638EDD**.

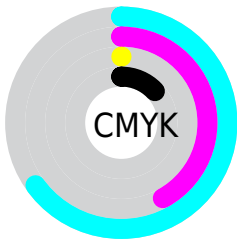
Distribution



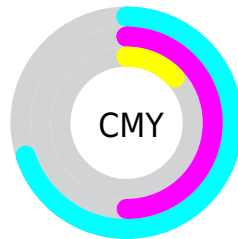
- Red (30%)
- Green (50%)
- Blue (87%)



- Red (30%)
- Yellow (45%)
- Blue (87%)



- Cyan (65%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D80DD 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 4D80DD by changing the saturation by 10% instead.

■ 4D80DD

■ 4D80DD

FFFFFF

■ 2867C1

■ 8BB4FF

■ 0050A5

■ A8D0FF

■ 00398A

■ C6ECFF

■ 002570

■ E4FFFF

■ 001157

■ 00063F

■ 000328

■ 000112

■ 000000

■ 4D80DD

■ 4D80DD

■ 3772DD

■ 638EDD

■ 2163DD

■ 799DDD

■ 0B55DD

■ 8FABDD

■ 004EDD

■ A5B9DD

■ BCC7DD

■ D2D6DD

■ E8E4DD

■ FEF2DD

■ FFFFDD

Harmonies

Analogous

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



008EDB



4D80DD



9F6CC6

Triad

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



4D80DD



CC6344



009665

Complementary

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



4D80DD



DDAA4D

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.



529139



4D80DD



B07623

Square

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



4D80DD



D7566F



87861C



009896

Rectangle

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



4D80DD



BE5FAD



87861C



0C9556

Sweetspot

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



4D80DD



CCDEFF



4DDDA8



616C80



000000



808080

Same Dimension

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



4D80DD



387FFF



604DDD



63676E



003DAD



00102E

Inverse Universe

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



DD4D80



FF387F



CADD4D



6E6367



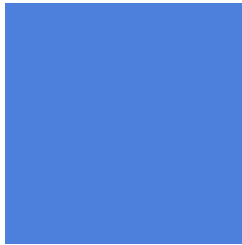
AD003D



2E0010

Previews

White Background



This preview shows how the Hex color 4D80DD looks on a white background.

Color Contrast Check

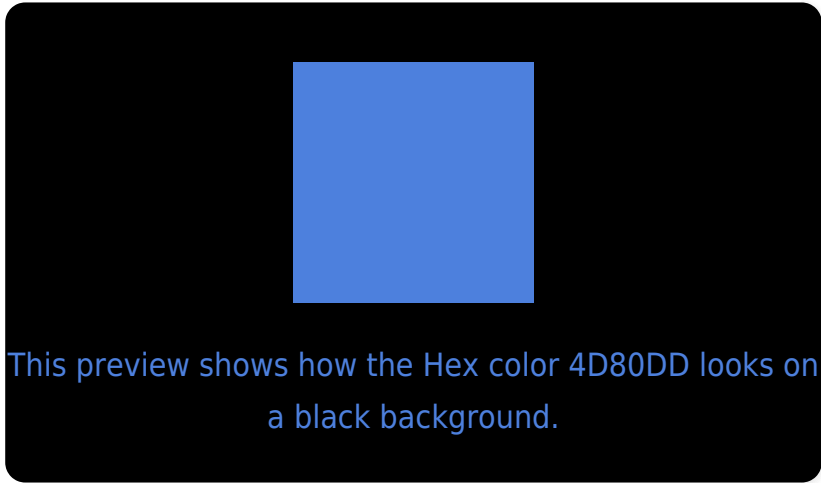
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

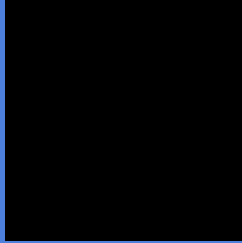
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

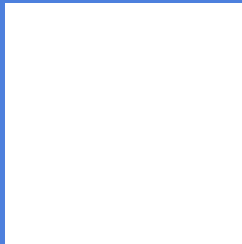
Any Text WCAG AAA × Fail

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

Hex 4D80DD Background



This preview shows how black text looks on a background with the Hex color 4D80DD.

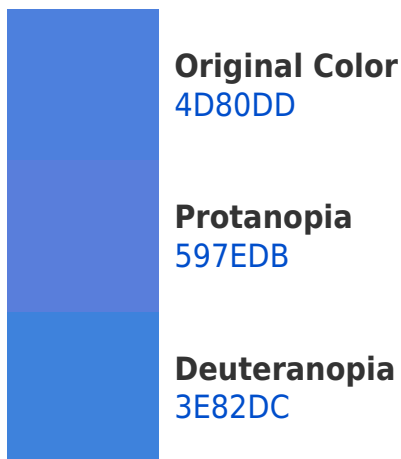


This preview shows how white text looks on a background with the Hex color 4D80DD.

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](#).

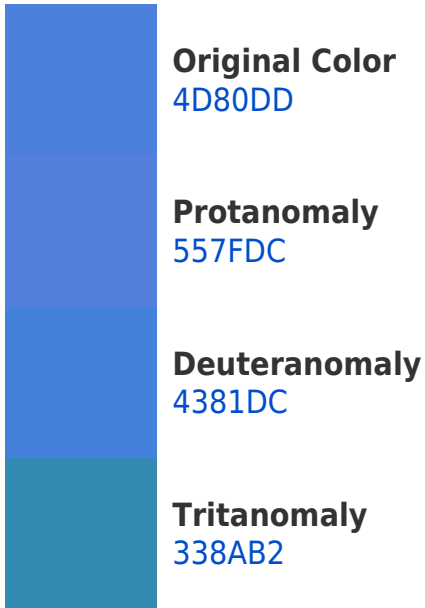
Dichromacy



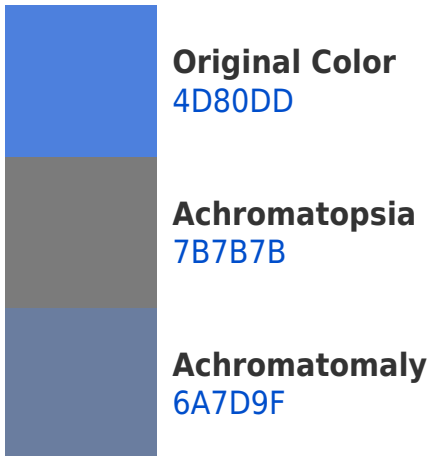


Tritanopia
248F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D80DD 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 #4D80DD looks like.

```
.text, #text, p{  
    color:#4D80DD  
}
```

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 #4D80DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D80DD
}
```

Border

The CSS property to change the border of an element to Hex 4D80DD 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
#4D80DD }
```

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

```
.border{ border-color:#4D80DD }
```

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

Here you see how a box with a 4 pixel #4D80DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D80DD; -webkit-box-shadow:4px 4px  
4px 4px #4D80DD; box-shadow:4px 4px 4px  
4px #4D80DD }
```

Background

The CSS property to change the background color of an element to Hex 4D80DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D80DD }
```

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

```
.background{ background-color:#4D80DD }
```

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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