

Converting Colors

Hex(4F80CA)

Have a look what the booklet for
Hex(4F80CA) contains.

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Color

Hex(4F80CA)

Conversions

Conversions Part 1

Format	Color
Hex	4F80CA
RGB	79, 128, 202
RGB Percent	31%, 50%, 79%
CMY	0.6902, 0.4980, 0.2078
CMYK	0.61, 0.37, 0.00, 0.21
HSL	216°, 54%, 55%
HSV	216°, 61%, 79%
XYZ	21.6043, 21.3649, 58.8623
YIQ	121.7850, -52.9580, 12.6260

Conversions

Conversions Part 2

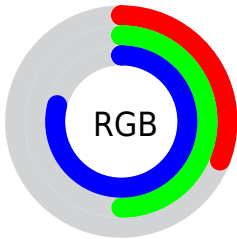
Format	Color
R_{YB}	79, 114, 202
Decimal	5210314
CIE _{Lab}	53.35, 6.24, -43.36
CIE _{LCh}	53, 43.809, 278.183
Yxy	21.3649, 0.2122, 0.2098
Android (android.graphics.Color)	4283400394 (0xFF4F80CA)
YUV	121.7850, 39.5460, -37.5224
Hunter-Lab	46.2222, 2.5423, -43.1482

Details

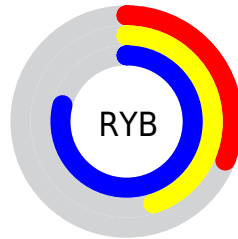
The Hex color **4F80CA** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **CA994F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8AB4FF**, and **004F93** is the 20% darker color. If you saturate the color by 10%, you get **3B74CA**, and if you desaturate by 10%, it is **638CCA**.

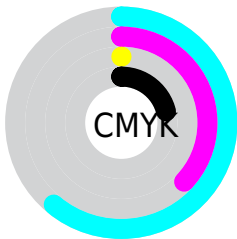
Distribution



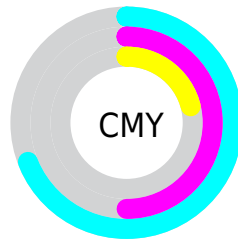
- Red (31%)
- Green (50%)
- Blue (79%)



- Red (31%)
- Yellow (45%)
- Blue (79%)



- Cyan (61%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F80CA 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 4F80CA by changing the saturation by 10% instead.

■ 4F80CA

■ 4F80CA

FFFFFF

■ 2E67AE

■ 8AB4FF

■ 004F93

■ A6D0FF

■ 003979

■ C4ECFF

■ 002460

■ E1FFFF

■ 000F48

■ 000431

■ 00011B

■ 000000

■ 4F80CA

■ 4F80CA

■ 3B74CA

■ 638CCA

■ 2768CA

■ 7798CA

■ 125CCA

■ 8CA4CA

■ 0050CA

■ A0B1CA

■ B4BDCA

■ C8C9CA

■ DCD5CA

■ F1E1CA

■ FFEDCA

Harmonies

Analogous

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



008BC5



4F80CA



9071BB

Triad

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



4F80CA



C16653



289062

Complementary

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



4F80CA



CA994F

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.



638B42



4F80CA



AB7339

Square

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



4F80CA



C55F76



8B8131



009289

Rectangle

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



4F80CA



AC68A8



8B8131



418F56

Sweetspot

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



4F80CA



D1E3FF



4FCA99



636F80



000000



808080

Same Dimension

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



4F80CA



458FFF



5B4FCA



5C6066



0042A6



000F26

Inverse Universe

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



CA4F80



FF458F



BECA4F



665C60



A60042



26000F

Previews

White Background



This preview shows how the Hex color 4F80CA looks on a white background.

Color Contrast Check

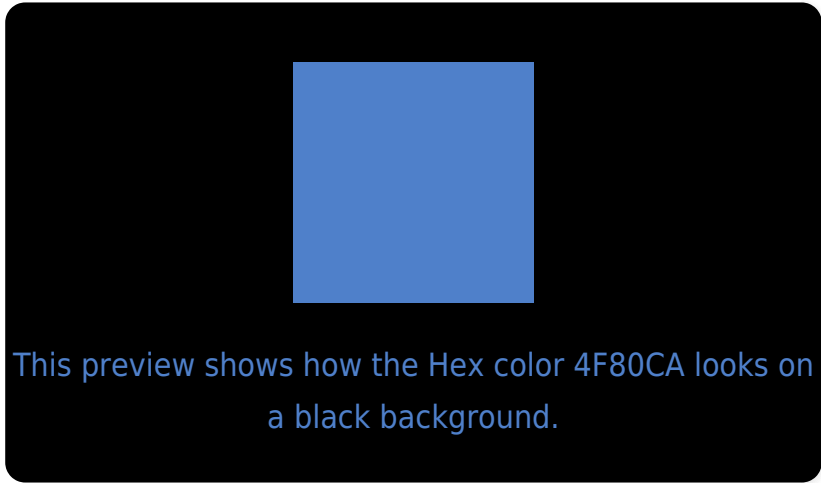
Large Text (above 18pt) WCAG AA ✓ Pass

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

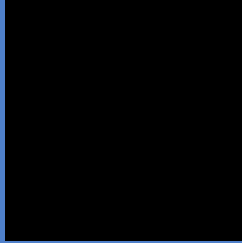
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

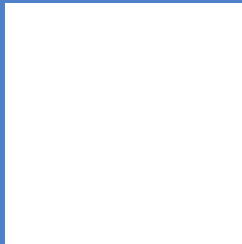
Any Text WCAG AAA × Fail

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

Hex 4F80CA Background



This preview shows how black text looks on a background with the Hex color 4F80CA.



This preview shows how white text looks on a background with the Hex color 4F80CA.

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
4F80CA

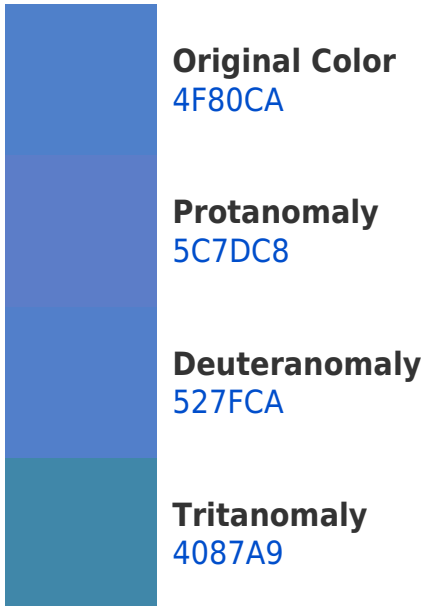
Protanopia
637CC7

Deuteranopia
547FCA

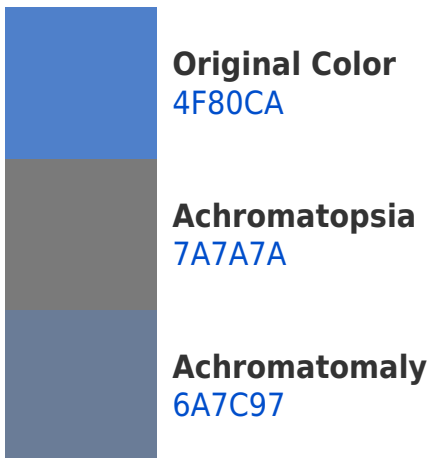


Tritanopia
378B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F80CA 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 #4F80CA looks like.

```
.text, #text, p{  
    color:#4F80CA  
}
```

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 #4F80CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F80CA
}
```

Border

The CSS property to change the border of an element to Hex 4F80CA 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
#4F80CA }
```

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

```
.border{ border-color:#4F80CA }
```

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

Here you see how a box with a 4 pixel #4F80CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F80CA; -webkit-box-shadow:4px 4px  
4px 4px #4F80CA; box-shadow:4px 4px 4px  
4px #4F80CA }
```

Background

The CSS property to change the background color of an element to Hex 4F80CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F80CA }
```

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

```
.background{ background-color:#4F80CA }
```

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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