

Converting Colors

Hex(4F7CC1)

Have a look what the booklet for
Hex(4F7CC1) contains.

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Color

Hex(4F7CC1)

Conversions

Conversions Part 1

Format	Color
Hex	4F7CC1
RGB	79, 124, 193
RGB Percent	31%, 49%, 76%
CMY	0.6902, 0.5137, 0.2431
CMYK	0.59, 0.36, 0.00, 0.24
HSL	216°, 48%, 53%
HSV	216°, 59%, 76%
XYZ	20.0577, 19.9278, 53.2414
YIQ	118.4110, -48.9690, 11.9190

Conversions

Conversions Part 2

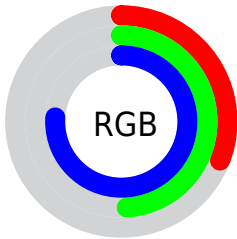
Format	Color
R_{YB}	79, 111, 193
Decimal	5209281
CIE Lab	51.76, 5.63, -40.75
CIE LCh	52, 41.132, 277.869
Yxy	19.9278, 0.2151, 0.2138
Android (android.graphics.Color)	4283399361 (0xFF4F7CC1)
YUV	118.4110, 36.7724, -34.5634
Hunter-Lab	44.6406, 2.0819, -39.4648

Details

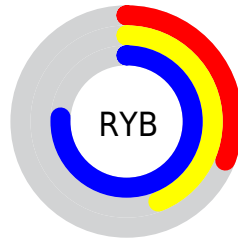
The Hex color **4F7CC1** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C1944F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **88B0FA**, and **004C8B** is the 20% darker color. If you saturate the color by 10%, you get **3C70C1**, and if you desaturate by 10%, it is **6288C1**.

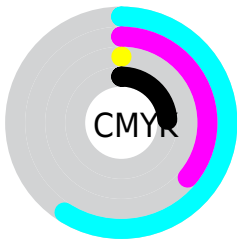
Distribution



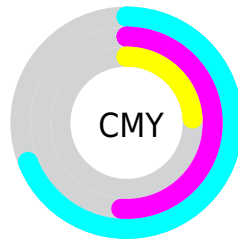
- Red (31%)
- Green (49%)
- Blue (76%)



- Red (31%)
- Yellow (44%)
- Blue (76%)



- Cyan (59%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7CC1 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 4F7CC1 by changing the saturation by 10% instead.



4F7CC1



4F7CC1

FFFFFF



3063A6



88B0FA



004C8B



A5CCFF



003571



C2E8FF



002158



DFFFFF



000840



FDFFFF



00032A



000114



000000



4F7CC1



4F7CC1

■ 3C70C1

■ 6288C1

■ 2865C1

■ 7693C1

■ 1559C1

■ 899FC1

■ 024DC1

■ 9CABC1

■ 004CC1

■ B0B6C1

■ C3C2C1

■ D6CEC1

■ E9D9C1

■ FDE5C1

Harmonies

Analogous

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



0086BC



4F7CC1



8A6EB3

Triad

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



4F7CC1



B96452



2D8B60

Complementary

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



4F7CC1



C1944F

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.



628642



4F7CC1



A5703A

Square

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



4F7CC1



BD5D73



877C33



008D84

Rectangle

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



4F7CC1



A466A1



877C33



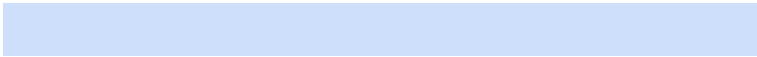
428A54

Sweetspot

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



4F7CC1



CDDFFA



4FC193



616C7D



FCFCFC



7D7D7D

Same Dimension

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



4F7CC1



488FFA



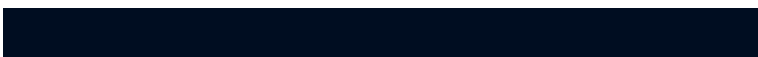
5A4FC1



575B61



003FA1



000D21

Inverse Universe

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



C14F7C



FA488F



B6C14F



61575B



A1003F



21000D

Previews

White Background



This preview shows how the Hex color 4F7CC1 looks on a white background.

Color Contrast Check

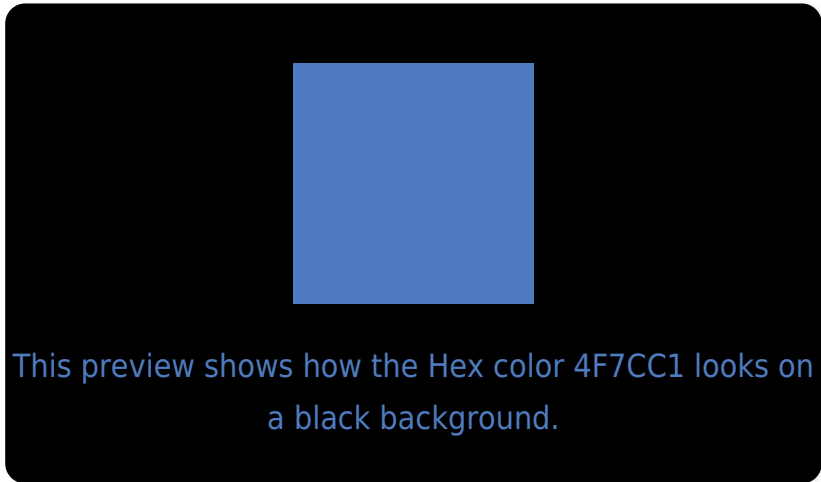
Large Text (above 18pt) WCAG AA ✓ Pass

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

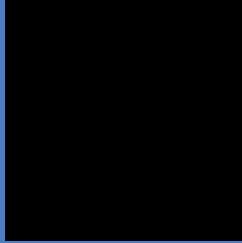
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

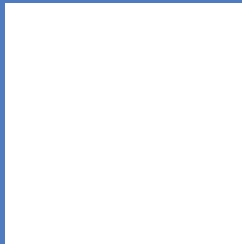
Any Text WCAG AAA × Fail

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

Hex 4F7CC1 Background



This preview shows how black text looks on a background with the Hex color 4F7CC1.



This preview shows how white text looks on a background with the Hex color 4F7CC1.

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](#).

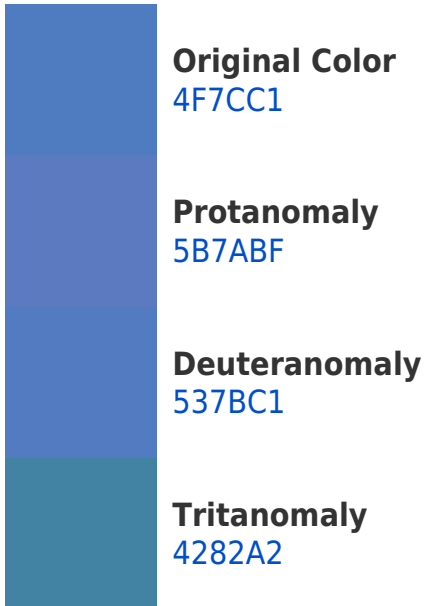
Dichromacy



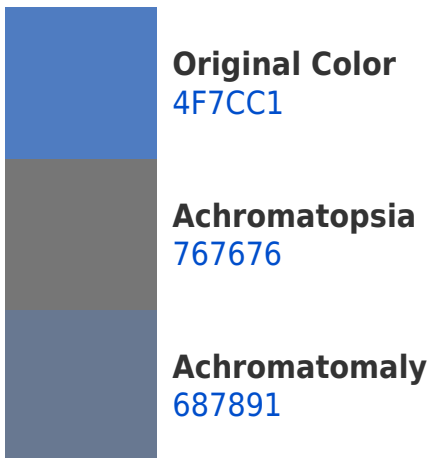


Tritanopia
3A8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7CC1 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 #4F7CC1 looks like.

```
.text, #text, p{  
    color:#4F7CC1  
}
```

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 #4F7CC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7CC1
}
```

Border

The CSS property to change the border of an element to Hex 4F7CC1 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
#4F7CC1 }
```

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

```
.border{ border-color:#4F7CC1 }
```

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

Here you see how a box with a 4 pixel #4F7CC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7CC1; -webkit-box-shadow:4px 4px  
4px 4px #4F7CC1; box-shadow:4px 4px 4px  
4px #4F7CC1 }
```

Background

The CSS property to change the background color of an element to Hex 4F7CC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7CC1 }
```

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

```
.background{ background-color:#4F7CC1 }
```

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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