

# Converting Colors

Hex(4F7AD8)

Have a look what the booklet for  
Hex(4F7AD8) contains.

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# Color

**Hex(4F7AD8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F7AD8
RGB	79, 122, 216
RGB Percent	31%, 48%, 85%
CMY	0.6902, 0.5216, 0.1529
CMYK	0.63, 0.44, 0.00, 0.15
HSL	221°, 64%, 58%
HSV	221°, 63%, 85%
XYZ	22.5787, 20.5392, 67.7402
YIQ	119.8590, -55.8020, 20.1180

# Conversions

## Conversions Part 2

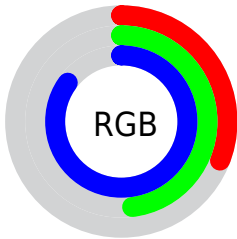
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	79, 112, 216
Decimal	5208792
CIE Lab	52.44, 14.66, -52.73
CIE LCh	52, 54.733, 285.533
Yxy	20.5392, 0.2037, 0.1853
Android (android.graphics.Color)	4283398872 (0xFF4F7AD8)
YUV	119.8590, 47.3975, -35.8333
Hunter-Lab	45.3202, 9.6189, -56.8967

# Details

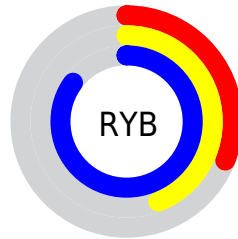
The Hex color **4F7AD8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D8AD4F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8CAEFF**, and **004AA0** is the 20% darker color. If you saturate the color by 10%, you get **396BD8**, and if you desaturate by 10%, it is **6589D8**.

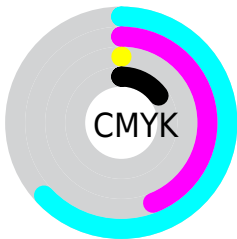
# Distribution



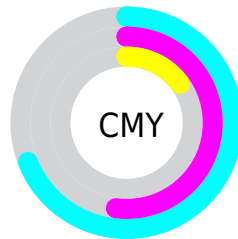
- Red (31%)
- Green (48%)
- Blue (85%)



- Red (31%)
- Yellow (44%)
- Blue (85%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (52%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7AD8 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 4F7AD8 by changing the saturation by 10% instead.



■ 4F7AD8

■ 4F7AD8

FFFFFF

■ 2C61BC

■ 8CAEFF

■ 004AA0

■ A9C9FF

■ 003486

■ C7E5FF

■ 00206C

■ E5FFFF

■ 000853

■ 00063B

■ 000224

■ 00000D

■ 000000

■ 4F7AD8

■ 4F7AD8

■ 396BD8

■ 6589D8

■ 245CD8

■ 7A98D8

■ 0E4ED8

■ 90A6D8

■ 0044D8

■ A5B5D8

■ BBC4D8

■ D1D3D8

■ E6E2D8

■ FCF1D8

■ FFFFD8

# Harmonies

## Analogous

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



0089D8



4F7AD8



9E66BF

# Triad

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



4F7AD8



C65F3C



009264

# Complementary

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



4F7AD8



D8AD4F

# 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.



478D37



4F7AD8



A8731A

# Square

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



4F7AD8



D25167



7E8215



009395

# Rectangle

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



4F7AD8



BC59A5



7E8215



009154



# Sweetspot

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



4F7AD8



CFDEFF



4FD8AD



626B80



000000



808080



# Same Dimension

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



4F7AD8



3D7AFF



684FD8



60646B



0036AB



000E2B



# Inverse Universe

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



D84F7A



FF3D7A



BFD84F



6B6064



AB0036



2B000E



# Previews

## White Background



This preview shows how the Hex color 4F7AD8 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



This preview shows how the Hex color 4F7AD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

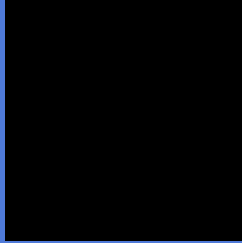
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

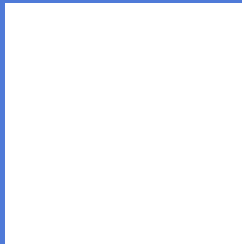
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F7AD8 Background



This preview shows how black text looks on a background with the Hex color 4F7AD8.



This preview shows how white text looks on a background with the Hex color 4F7AD8.

# 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](#).

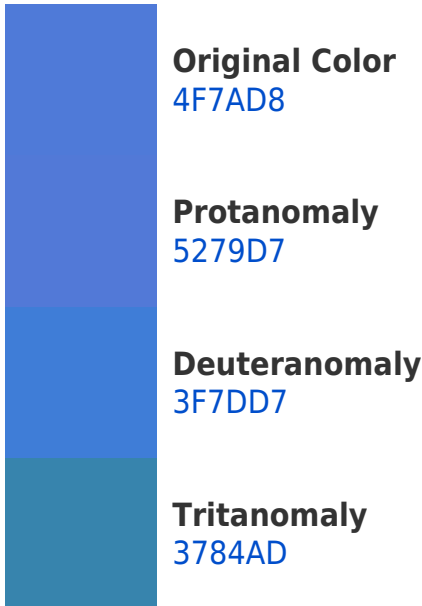
## Dichromacy



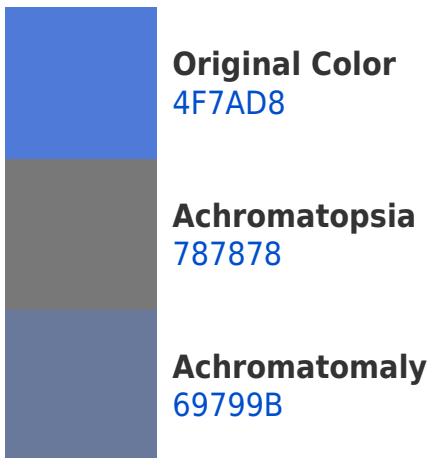


**Tritanopia**  
2A8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7AD8 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 #4F7AD8 looks like.

```
.text, #text, p{  
    color:#4F7AD8  
}
```

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 #4F7AD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7AD8
}
```

## Border

The CSS property to change the border of an element to Hex 4F7AD8 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
#4F7AD8 }
```

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

```
.border{ border-color:#4F7AD8 }
```

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

Here you see how a box with a 4 pixel #4F7AD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7AD8; -webkit-box-shadow:4px 4px  
4px 4px #4F7AD8; box-shadow:4px 4px 4px  
4px #4F7AD8 }
```

# Background

The CSS property to change the background color of an element to Hex 4F7AD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7AD8 }
```

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

```
.background{ background-color:#4F7AD8 }
```

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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