

Converting Colors

Hex(4F7ADF)

Have a look what the booklet for
Hex(4F7ADF) contains.

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Color

Hex(4F7ADF)

Conversions

Conversions Part 1

Format	Color
Hex	4F7ADF
RGB	79, 122, 223
RGB Percent	31%, 48%, 87%
CMY	0.6902, 0.5216, 0.1255
CMYK	0.65, 0.45, 0.00, 0.13
HSL	222°, 69%, 59%
HSV	222°, 65%, 87%
XYZ	23.5033, 20.9090, 72.6091
YIQ	120.6570, -58.0490, 22.2950

Conversions

Conversions Part 2

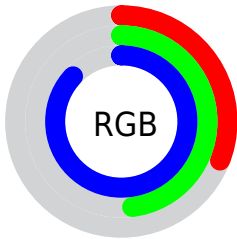
Format	Color
R _Y B	79, 112, 223
Decimal	5208799
CIE Lab	52.85, 17.07, -56.03
CIE LCh	53, 58.568, 286.943
Yxy	20.9090, 0.2008, 0.1787
Android (android.graphics.Color)	4283398879 (0xFF4F7ADF)
YUV	120.6570, 50.4551, -36.5332
Hunter-Lab	45.7264, 11.7274, -62.1383

Details

The Hex color **4F7ADF** 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 **DFB44F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8DAEFF**, and **004AA7** is the 20% darker color. If you saturate the color by 10%, you get **396ADF**, and if you desaturate by 10%, it is **658ADF**.

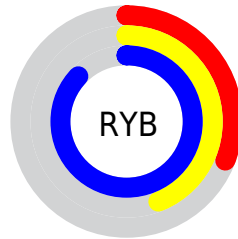
Distribution



Red (31%)

Green (48%)

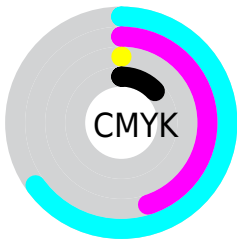
Blue (87%)



Red (31%)

Yellow (44%)

Blue (87%)

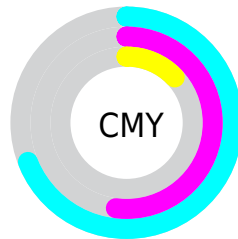


Cyan (65%)

Magenta (45%)

Yellow (0%)

Black (13%)



Cyan (69%)

Magenta (52%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7ADF 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 4F7ADF by changing the saturation by 10% instead.

■ 4F7ADF

■ 4F7ADF

FFFFFF

■ 2A61C3

■ 8DAEFF

■ 004AA7

■ ABC9FF

■ 00348C

■ C8E5FF

■ 002072

■ E7FFFF

■ 000A59

■ 000741

■ 00032A

■ 000114

■ 000000

■ 4F7ADF

■ 4F7ADF

■ 396ADF

■ 658ADF

■ 225BDF

■ 7C99DF

■ 0C4BDF

■ 92A9DF

■ 0043DF

■ A8B9DF

■ BFC8DF

■ D5D8DF

■ EBE7DF

■ FFF7DF

■ FFFFDF

Harmonies

Analogous

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



008AE0



4F7ADF



A464C3

Triad

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



4F7ADF



CA5F36



009466

Complementary

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



4F7ADF



DFB44F

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.



3F8F34



4F7ADF



A9740C

Square

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



4F7ADF



D84D64



7C8407



00969A

Rectangle

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



4F7ADF



C355A7



7C8407



009355

Sweetspot

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



4F7ADF



CFDDFF



4FDFB4



626B80



000000



808080

Same Dimension

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



4F7ADF



3B75FF



6C4FDF



656870



0035B0



000E30

Inverse Universe

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



DF4F7A



FF3B75



C2DF4F



706568



B00035



30000E

Previews

White Background



This preview shows how the Hex color 4F7ADF looks on a white background.

Color Contrast Check

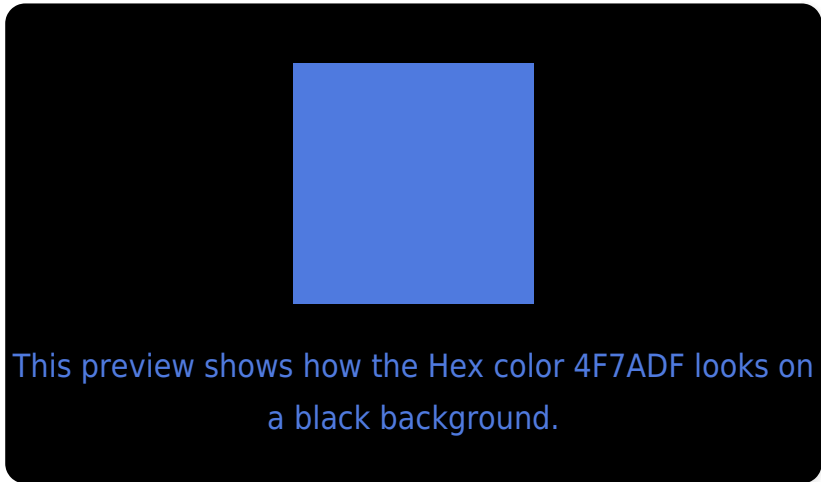
Large Text (above 18pt) WCAG AA ✓ Pass

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

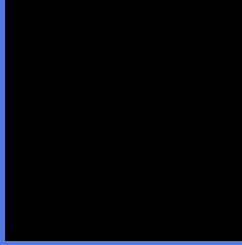
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

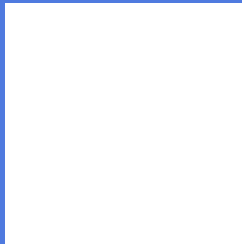
Any Text WCAG AAA × Fail

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

Hex 4F7ADF Background



This preview shows how black text looks on a background with the Hex color 4F7ADF.



This preview shows how white text looks on a background with the Hex color 4F7ADF.

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](#).

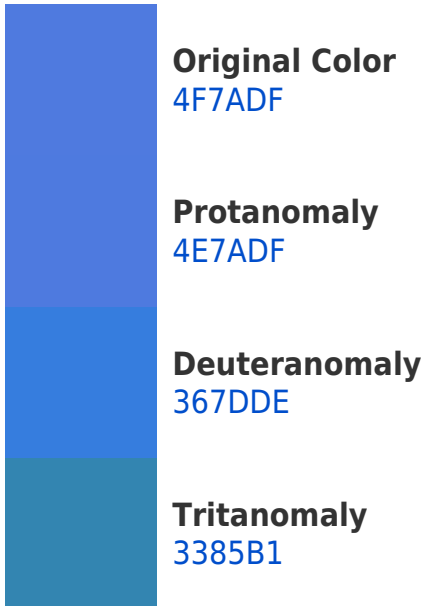
Dichromacy





Tritanopia
238B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7ADF 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 #4F7ADF looks like.

```
.text, #text, p{  
    color:#4F7ADF  
}
```

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 #4F7ADF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7ADF
}
```

Border

The CSS property to change the border of an element to Hex 4F7ADF 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
#4F7ADF }
```

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

```
.border{ border-color:#4F7ADF }
```

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

Here you see how a box with a 4 pixel #4F7ADF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7ADF; -webkit-box-shadow:4px 4px  
4px 4px #4F7ADF; box-shadow:4px 4px 4px  
4px #4F7ADF }
```

Background

The CSS property to change the background color of an element to Hex 4F7ADF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7ADF }
```

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

```
.background{ background-color:#4F7ADF }
```

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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