

Converting Colors

Hex(4F74C4)

Have a look what the booklet for
Hex(4F74C4) contains.

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Color

Hex(4F74C4)

Conversions

Conversions Part 1

Format	Color
Hex	4F74C4
RGB	79, 116, 196
RGB Percent	31%, 45%, 77%
CMY	0.6902, 0.5451, 0.2314
CMYK	0.60, 0.41, 0.00, 0.23
HSL	221°, 50%, 54%
HSV	221°, 60%, 77%
XYZ	19.4336, 18.1386, 54.7014
YIQ	114.0570, -47.7320, 17.0360

Conversions

Conversions Part 2

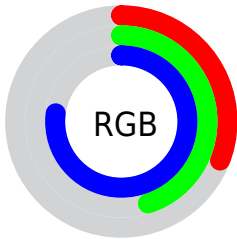
Format	Color
R _Y B	79, 107, 196
Decimal	5207236
CIE Lab	49.66, 11.53, -45.78
CIE LCh	50, 47.208, 284.134
Yxy	18.1386, 0.2106, 0.1966
Android (android.graphics.Color)	4283397316 (0xFF4F74C4)
YUV	114.0570, 40.3979, -30.7450
Hunter-Lab	42.5894, 6.9185, -46.3389

Details

The Hex color **4F74C4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C49F4F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **89A8FD**, and **00458E** is the 20% darker color. If you saturate the color by 10%, you get **3B67C4**, and if you desaturate by 10%, it is **6381C4**.

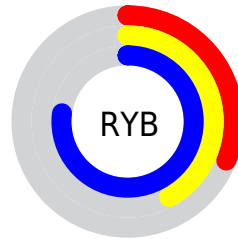
Distribution



Red (31%)

Green (45%)

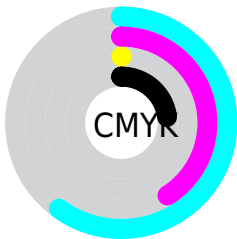
Blue (77%)



Red (31%)

Yellow (42%)

Blue (77%)

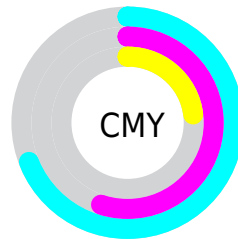


Cyan (60%)

Magenta (41%)

Yellow (0%)

Black (23%)



Cyan (69%)

Magenta (55%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F74C4 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 4F74C4 by changing the saturation by 10% instead.

■ 4F74C4

■ 4F74C4

FFFFFF

■ 2F5CA8

■ 89A8FD

■ 00458E

■ A6C3FF

■ 002F74

■ C3DFFF

■ 001B5B

■ E0BFFF

■ 000043

FEFFFF

■ 00032B

■ 000116

■ 000000

■ 4F74C4

■ 4F74C4

■ 3B67C4

■ 6381C4

■ 2859C4

■ 768FC4

■ 144CC4

■ 8A9CC4

■ 013EC4

■ 9DAAC4

■ 003EC4

■ B1B7C4

■ C5C4C4

■ D8D2C4

■ ECDFC4

■ FFEDC4

Harmonies

Analogous

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



0080C3



4F74C4



9163B0

Triad

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



4F74C4



B65D40



00885F

Complementary

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



4F74C4



C49F4F

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.



4C8339



4F74C4



9D6C25

Square

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



4F74C4



C05265



7A7A21



008A88

Rectangle

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



4F74C4



AB599A



7A7A21



1A8751

Sweetspot

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



4F74C4



D1E0FF



4FC49F



636C80



000000



808080

Same Dimension

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



4F74C4



4781FF



644FC4



575A61



0033A1



000A21

Inverse Universe

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



C44F74



FF4781



AFC44F



61575A



A10033



21000A

Previews

White Background



This preview shows how the Hex color 4F74C4 looks on a white background.

Color Contrast Check

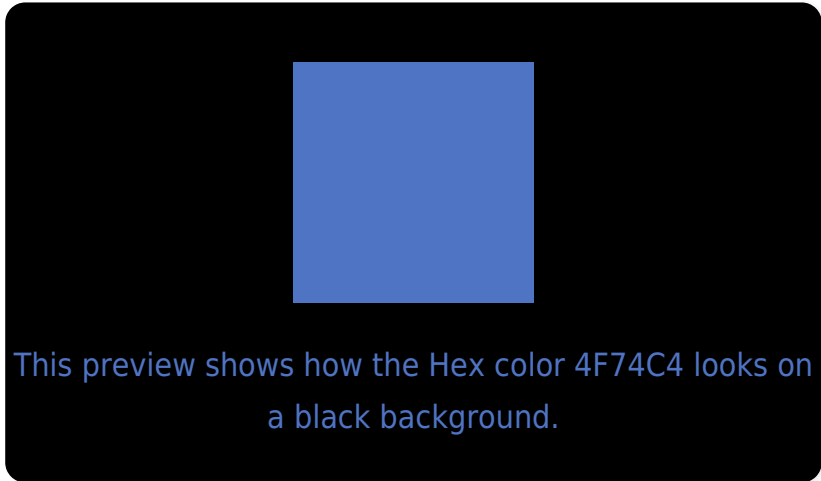
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

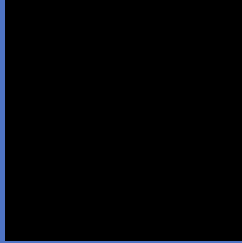
Any Text WCAG AA ✓ Pass

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 4F74C4 Background



This preview shows how black text looks on a background with the Hex color 4F74C4.

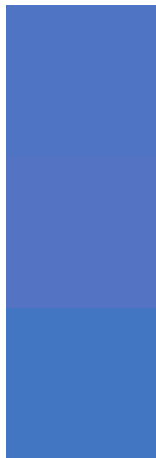


This preview shows how white text looks on a background with the Hex color 4F74C4.

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
4F74C4

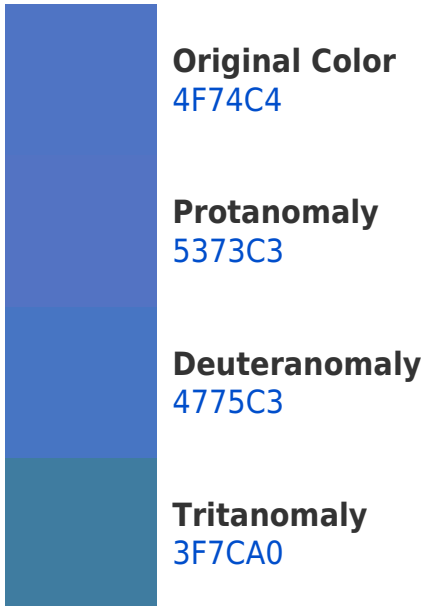
Protanopia
5573C3

Deuteranopia
4276C3

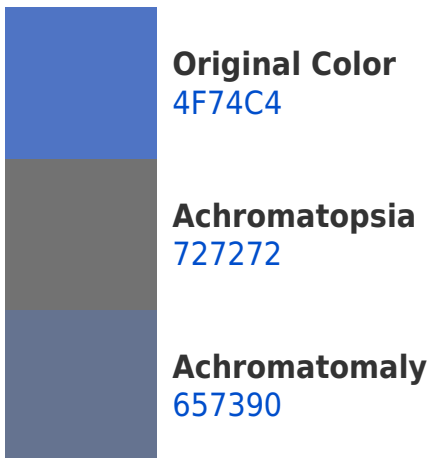


Tritanopia
36808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F74C4 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 #4F74C4 looks like.

```
.text, #text, p{  
    color:#4F74C4  
}
```

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 #4F74C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F74C4
}
```

Border

The CSS property to change the border of an element to Hex 4F74C4 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
#4F74C4 }
```

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

```
.border{ border-color:#4F74C4 }
```

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

Here you see how a box with a 4 pixel #4F74C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F74C4; -webkit-box-shadow:4px 4px  
4px 4px #4F74C4; box-shadow:4px 4px 4px  
4px #4F74C4 }
```

Background

The CSS property to change the background color of an element to Hex 4F74C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F74C4 }
```

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

```
.background{ background-color:#4F74C4 }
```

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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