

Converting Colors

Hex(4F66C1)

Have a look what the booklet for
Hex(4F66C1) contains.

Hex(4F66C1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F66C1)

Conversions

Conversions Part 1

Format	Color
Hex	4F66C1
RGB	79, 102, 193
RGB Percent	31%, 40%, 76%
CMY	0.6902, 0.6000, 0.2431
CMYK	0.59, 0.47, 0.00, 0.24
HSL	228°, 48%, 53%
HSV	228°, 59%, 76%
XYZ	17.6015, 15.0153, 52.4226
YIQ	105.4970, -42.9190, 23.4250

Conversions

Conversions Part 2

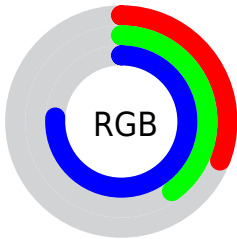
Format	Color
R_{YB}	79, 98, 193
Decimal	5203649
CIE Lab	45.66, 19.24, -50.45
CIE LCh	46, 53.996, 290.877
Yxy	15.0153, 0.2070, 0.1766
Android (android.graphics.Color)	4283393729 (0xFF4F66C1)
YUV	105.4970, 43.1390, -23.2379
Hunter-Lab	38.7495, 13.2696, -53.0863

Details

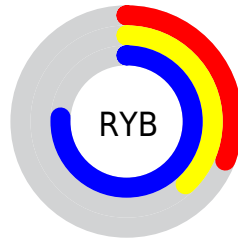
The Hex color **4F66C1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C1AA4F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8999FA**, and **00388B** is the 20% darker color. If you saturate the color by 10%, you get **3C57C1**, and if you desaturate by 10%, it is **6275C1**.

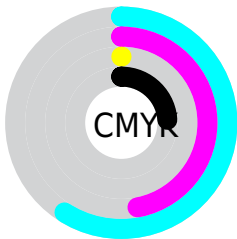
Distribution



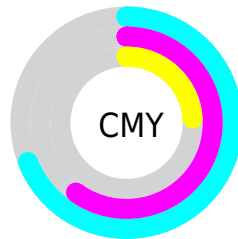
- Red (31%)
- Green (40%)
- Blue (76%)



- Red (31%)
- Yellow (38%)
- Blue (76%)



- Cyan (59%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F66C1 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 4F66C1 by changing the saturation by 10% instead.



4F66C1



4F66C1

FFFFFF



2F4EA5



8999FA



00388B



A6B3FF



002371



C3CFFF



001058



E0EBFF



000640

FEFFFF



000329



000112



000000



4F66C1



4F66C1

■ 3C57C1

■ 6275C1

■ 2847C1

■ 7685C1

■ 1538C1

■ 8994C1

■ 0228C1

■ 9CA4C1

■ 0027C1

■ B0B3C1

■ C3C2C1

■ D6D2C1

■ E9E1C1

■ FDF1C1

Harmonies

Analogous

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



0075C6



4F66C1



9551A6

Triad

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



4F66C1



AC5226



00805C

Complementary

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



4F66C1



C1AA4F

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.



277C2F



4F66C1



8D6500

Square

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



4F66C1



BC414F



647303



00818B

Rectangle

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



4F66C1



AE448B



647303



007F4D

Sweetspot

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



4F66C1



CDD6FA



4FC1A8



61677D



FCFCFC



7D7D7D

Same Dimension

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



4F66C1



486CFA



6F4FC1



575961



0020A1



000721

Inverse Universe

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



C14F66



FA486C



A1C14F



615759



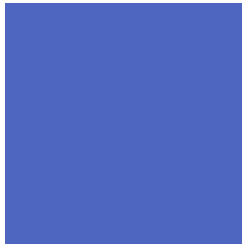
A10020



210007

Previews

White Background



This preview shows how the Hex color 4F66C1 looks on a white background.

Color Contrast Check

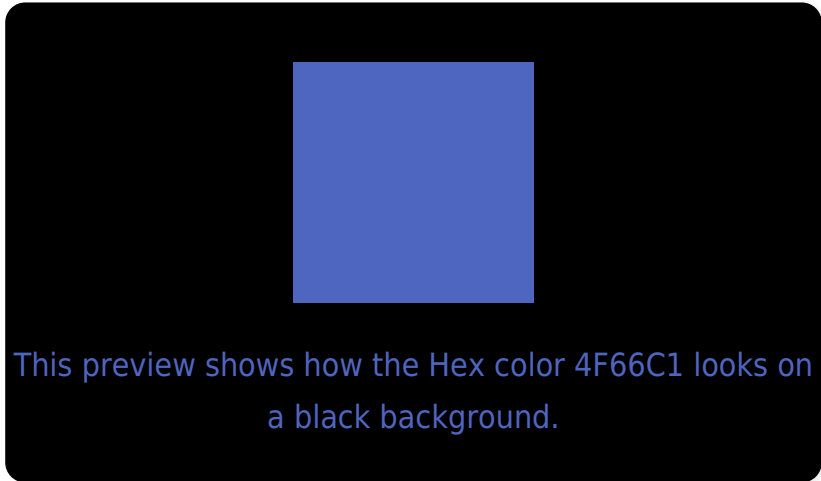
Large Text (above 18pt) WCAG AA ✓ Pass

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

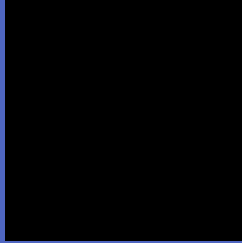
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4F66C1 Background



This preview shows how black text looks on a background with the Hex color 4F66C1.




This preview shows how white text looks on a background with the Hex color 4F66C1.

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](#).

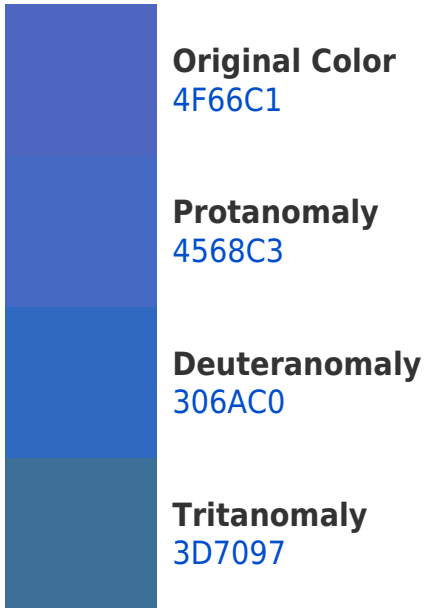
Dichromacy





Tritanopia
32757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F66C1 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 #4F66C1 looks like.

```
.text, #text, p{  
    color:#4F66C1  
}
```

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 #4F66C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F66C1
}
```

Border

The CSS property to change the border of an element to Hex 4F66C1 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
#4F66C1 }
```

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

```
.border{ border-color:#4F66C1 }
```

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

Here you see how a box with a 4 pixel #4F66C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F66C1; -webkit-box-shadow:4px 4px  
4px 4px #4F66C1; box-shadow:4px 4px 4px  
4px #4F66C1 }
```

Background

The CSS property to change the background color of an element to Hex 4F66C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F66C1 }
```

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

```
.background{ background-color:#4F66C1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor