

# Converting Colors

Hex(4F6DC8)

Have a look what the booklet for  
Hex(4F6DC8) contains.

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# Color

**Hex(4F6DC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F6DC8
RGB	79, 109, 200
RGB Percent	31%, 43%, 78%
CMY	0.6902, 0.5725, 0.2157
CMYK	0.60, 0.45, 0.00, 0.22
HSL	225°, 52%, 55%
HSV	225°, 60%, 78%
XYZ	19.1184, 16.7697, 56.8728
YIQ	110.4040, -47.0910, 21.9410

# Conversions

## Conversions Part 2

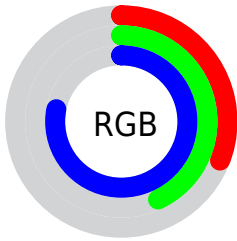
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 103, 200
Decimal	5205448
CIE <sub>Lab</sub>	47.97, 17.23, -50.78
CIE <sub>LCh</sub>	48, 53.623, 288.746
Yxy	16.7697, 0.2061, 0.1808
Android (android.graphics.Color)	4283395528 (0xFF4F6DC8)
YUV	110.4040, 44.1708, -27.5413
Hunter-Lab	40.9508, 11.6712, -53.6769

# Details

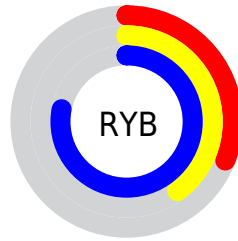
The Hex color **4F6DC8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C8AA4F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8AA0FF**, and **003E91** is the 20% darker color. If you saturate the color by 10%, you get **3B5EC8**, and if you desaturate by 10%, it is **637CC8**.

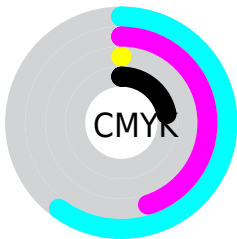
# Distribution



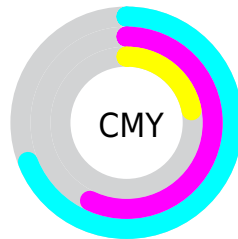
- Red (31%)
- Green (43%)
- Blue (78%)



- Red (31%)
- Yellow (40%)
- Blue (78%)



- Cyan (60%)
- Magenta (45%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (57%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6DC8 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 4F6DC8 by changing the saturation by 10% instead.



■ 4F6DC8

■ 4F6DC8

FFFFFF

■ 2E55AC

■ 8AA0FF

■ 003E91

■ A7BBFF

■ 002977

■ C4D7FF

■ 00165E

■ E1F3FF

■ 000146

■ 00042E

■ 000119

■ 000000

■ 4F6DC8

■ 4F6DC8

■ 3B5EC8

■ 637CC8

■ 274FC8

■ 778BC8

■ 1340C8

■ 8B9AC8

■ 0032C8

■ 9FA9C8

■ B3B8C8

■ C7C7C8

■ DBD6C8

■ EFE5C8

■ FFF4C8

# Harmonies

## Analogous

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



007CCB



4F6DC8



9759AE

# Triad

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



4F6DC8



B5572E



00865F

# Complementary

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



4F6DC8



C8AA4F

# 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.



358132



4F6DC8



966A0B

# Square

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



4F6DC8



C34758



6D780B



00878E

# Rectangle

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



4F6DC8



B24C94



6D780B



00854F



# Sweetspot

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



4F6DC8



D1DCFF



4FC8AA



636A80



000000



808080



# Same Dimension

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



4F6DC8



4573FF



6D4FC8



5A5C63



0028A3



000924



# Inverse Universe

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



C84F6D



FF4573



AAC84F



635A5C



A30028

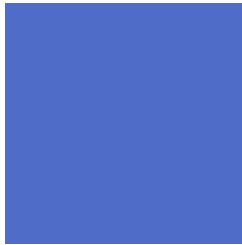


240009



# Previews

## White Background



This preview shows how the Hex color 4F6DC8 looks on a white background.

## Color Contrast Check

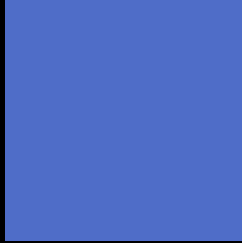
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 4F6DC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

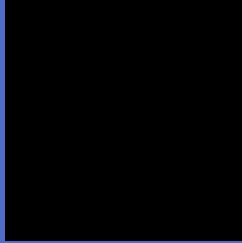
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F6DC8 Background



This preview shows how black text looks on a background with the Hex color 4F6DC8.




This preview shows how white text looks on a background with the Hex color 4F6DC8.

# 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](#).

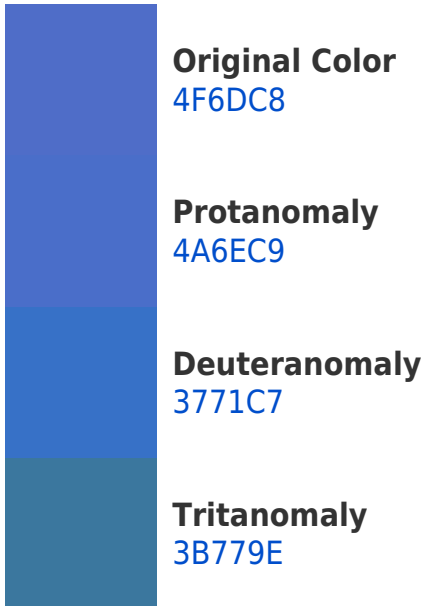
## Dichromacy



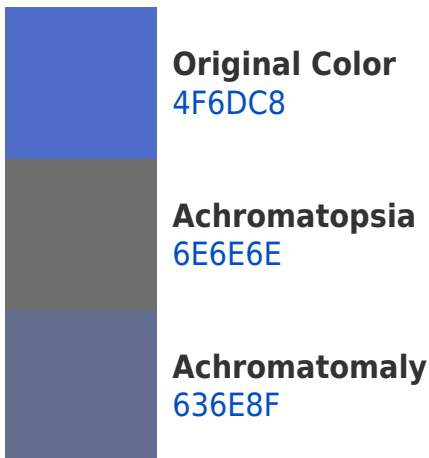


**Tritanopia**  
307C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6DC8 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 #4F6DC8 looks like.

```
.text, #text, p{  
    color:#4F6DC8  
}
```

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 #4F6DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6DC8  
}
```

## Border

The CSS property to change the border of an element to Hex 4F6DC8 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  
#4F6DC8 }
```

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

```
.border{ border-color:#4F6DC8 }
```

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

Here you see how a box with a 4 pixel #4F6DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6DC8; -webkit-box-shadow:4px 4px  
4px 4px #4F6DC8; box-shadow:4px 4px 4px  
4px #4F6DC8 }
```

# Background

The CSS property to change the background color of an element to Hex 4F6DC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6DC8 }
```

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

```
.background{ background-color:#4F6DC8 }
```

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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