

# Converting Colors

Hex(4674C5)

Have a look what the booklet for  
Hex(4674C5) contains.

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# Color

Hex(4674C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4674C5
RGB	70, 116, 197
RGB Percent	27%, 45%, 77%
CMY	0.7255, 0.5451, 0.2275
CMYK	0.64, 0.41, 0.00, 0.23
HSL	218°, 52%, 52%
HSV	218°, 64%, 77%
XYZ	18.8492, 17.8241, 55.2703
YIQ	111.4800, -53.4170, 15.4390

# Conversions

## Conversions Part 2

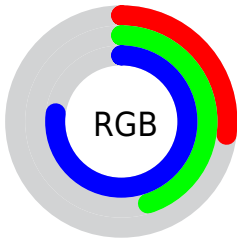
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 104, 197
Decimal	4617413
CIE <sub>Lab</sub>	49.28, 10.19, -46.99
CIE <sub>LCh</sub>	49, 48.079, 282.236
Yxy	17.8241, 0.2050, 0.1939
Android (android.graphics.Color)	4282807493 (0xFF4674C5)
YUV	111.4800, 42.1614, -36.3780
Hunter-Lab	42.2186, 5.8119, -48.0662

# Details

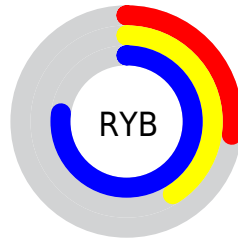
The Hex color **4674C5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C59746**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **82A8FE**, and **00458F** is the 20% darker color. If you saturate the color by 10%, you get **3267C5**, and if you desaturate by 10%, it is **5A81C5**.

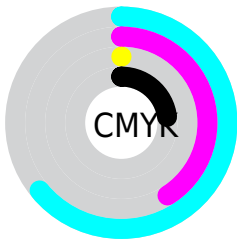
# Distribution



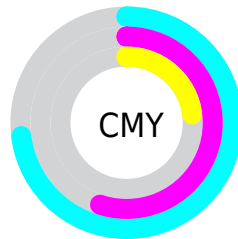
- Red (27%)
- Green (45%)
- Blue (77%)



- Red (27%)
- Yellow (41%)
- Blue (77%)



- Cyan (64%)
- Magenta (41%)
- Yellow (0%)
- Black (23%)



- Cyan (73%)
- Magenta (55%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4674C5 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 4674C5 by changing the saturation by 10% instead.



■ 4674C5

■ 4674C5

FFFFFF

■ 225CA9

■ 82A8FE

■ 00458F

■ 9FC3FF

■ 002F75

■ BCDEFF

■ 001B5B

■ D9FBFF

■ 000243

■ F7FFFF

■ 00032C

■ 000117

■ 000000

■ 4674C5

■ 4674C5

■ 3267C5

■ 5A81C5

■ 1F5BC5

■ 6D8DC5

■ 0B4EC5

■ 819AC5

■ 0047C5

■ 95A6C5

■ A9B3C5

■ BCBFC5

■ D0CCC5

■ E4D9C5

■ F7E5C5

# Harmonies

## Analogous

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



0080C3



4674C5



8D63B2

# Triad

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



4674C5



B75A40



00875B

# Complementary

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



4674C5



C59746

# 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.



4E8235



4674C5



9F6A24

# Square

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



4674C5



C05066



7B781E



008985

# Rectangle

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



4674C5



A9589C



7B781E



1D864D



# Sweetspot

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



4674C5



CFE0FF



46C596



626D80



000000



808080



# Same Dimension

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



4674C5



3B82FF



5746C5



5A5D63



003BA3



000D24



# Inverse Universe

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



C54674



FF3B82



B4C546



635A5D



A3003B

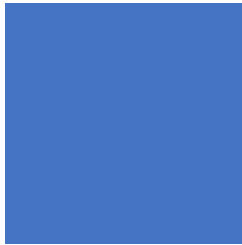


24000D



# Previews

## White Background



This preview shows how the Hex color 4674C5 looks on a white background.

## Color Contrast Check

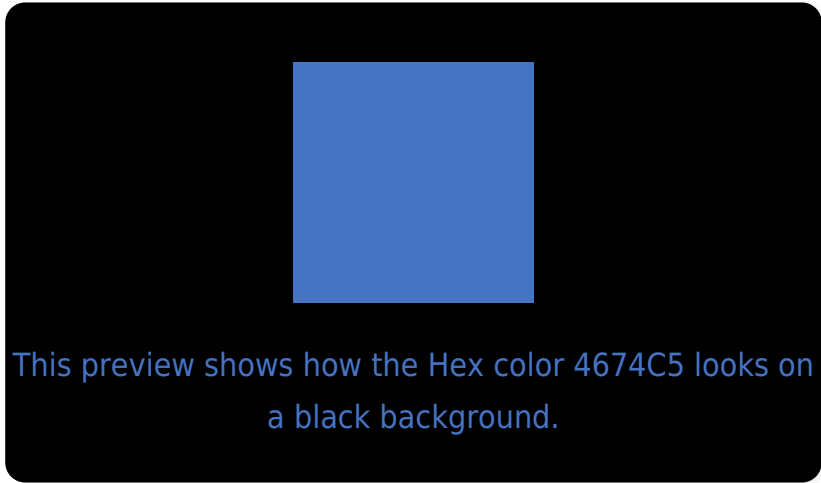
Large Text (above 18pt) WCAG AA ✓ Pass

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

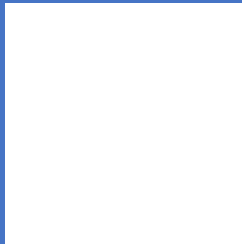
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4674C5 Background



This preview shows how black text looks on a background with the Hex color 4674C5.

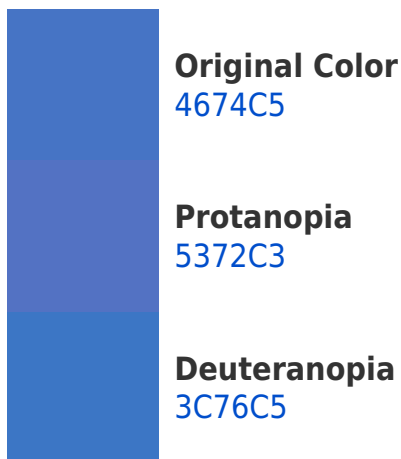


This preview shows how white text looks on a background with the Hex color 4674C5.

# 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](#).

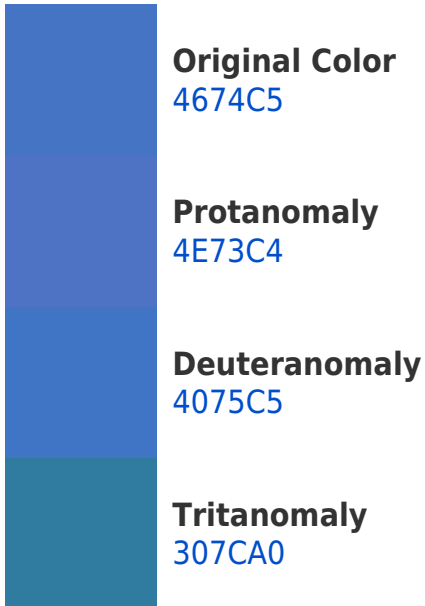
## Dichromacy



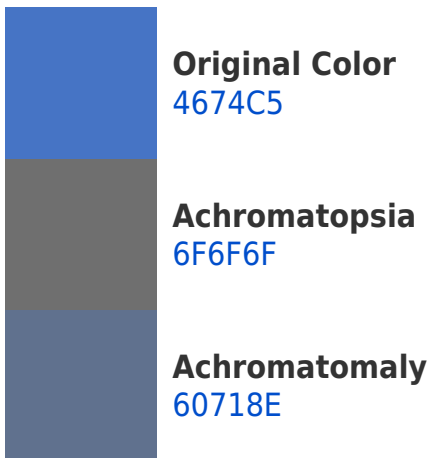


**Tritanopia**  
24808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4674C5 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 #4674C5 looks like.

```
.text, #text, p{  
    color:#4674C5  
}
```

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 #4674C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4674C5
}
```

## Border

The CSS property to change the border of an element to Hex 4674C5 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
#4674C5 }
```

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

```
.border{ border-color:#4674C5 }
```

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

Here you see how a box with a 4 pixel #4674C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4674C5; -webkit-box-shadow:4px 4px  
4px 4px #4674C5; box-shadow:4px 4px 4px  
4px #4674C5 }
```

# Background

The CSS property to change the background color of an element to Hex 4674C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4674C5 }
```

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

```
.background{ background-color:#4674C5 }
```

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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