

Converting Colors

Hex(4680C1)

Have a look what the booklet for
Hex(4680C1) contains.

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Color

Hex(4680C1)

Conversions

Conversions Part 1

Format	Color
Hex	4680C1
RGB	70, 128, 193
RGB Percent	27%, 50%, 76%
CMY	0.7255, 0.4980, 0.2431
CMYK	0.64, 0.34, 0.00, 0.24
HSL	212°, 50%, 52%
HSV	212°, 64%, 76%
XYZ	19.8706, 20.5907, 53.3792
YIQ	118.0680, -55.4330, 7.9190

Conversions

Conversions Part 2

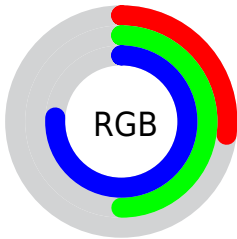
Format	Color
R_{YB}	70, 109, 193
Decimal	4620481
CIE _{Lab}	52.50, 1.50, -39.60
CIE _{LCh}	52, 39.628, 272.169
Yxy	20.5907, 0.2117, 0.2194
Android (android.graphics.Color)	4282810561 (0xFF4680C1)
YUV	118.0680, 36.9415, -42.1556
Hunter-Lab	45.3770, -1.2444, -37.9819

Details

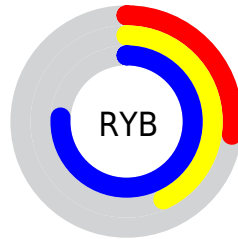
The Hex color **4680C1** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **C18746**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **81B5FA**, and **004F8B** is the 20% darker color. If you saturate the color by 10%, you get **3376C1**, and if you desaturate by 10%, it is **598AC1**.

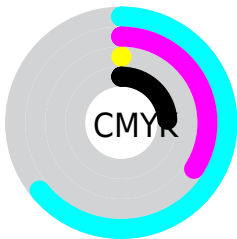
Distribution



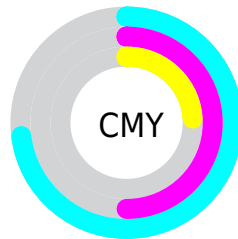
- Red (27%)
- Green (50%)
- Blue (76%)



- Red (27%)
- Yellow (43%)
- Blue (76%)



- Cyan (64%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)



- Cyan (73%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4680C1 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 4680C1 by changing the saturation by 10% instead.

■ 4680C1

■ 4680C1

FFFFFF

■ 2367A6

■ 81B5FA

■ 004F8B

■ 9ED0FF

■ 003971

■ BBECFF

■ 002458

■ D8FFFF

■ 000E41

■ F6FFFF

■ 00032A

■ 000114

■ 000000

■ 4680C1

■ 4680C1

■ 3376C1

■ 598AC1

■ 1F6CC1

■ 6D94C1

■ 0C61C1

■ 809FC1

■ 005BC1

■ 93A9C1

■ A7B3C1

■ BABDC1

■ CDC7C1

■ E0D2C1

■ F4DCC1

Harmonies

Analogous

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



0089B9



4680C1



8373B7

Triad

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



4680C1



BB655B



408C5C

Complementary

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



4680C1



C18746

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.



6C8642



4680C1



AB7041

Square

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



4680C1



BC617C



8F7C37



008F7F

Rectangle

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



4680C1



9F6BA7



8F7C37



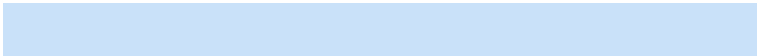
508A52

Sweetspot

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



4680C1



CAE1FA



46C186



606E7D



FCFCFC



7D7D7D

Same Dimension

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



4680C1



3C96FA



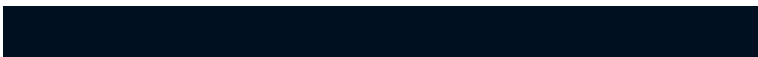
4846C1



575C61



004CA1



001021

Inverse Universe

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



C14680



FA3C96



BFC146



61575C



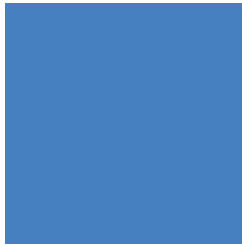
A1004C



210010

Previews

White Background



This preview shows how the Hex color 4680C1 looks on a white background.

Color Contrast Check

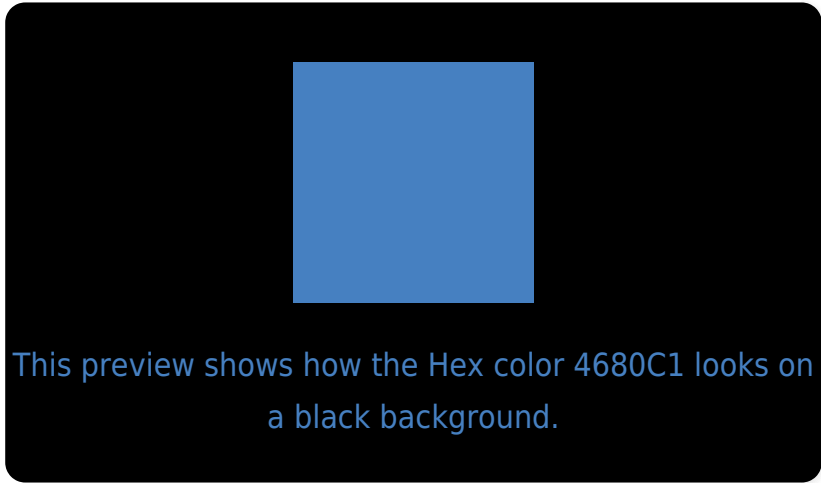
Large Text (above 18pt) WCAG AA ✓ Pass

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

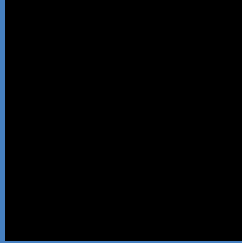
Any Text WCAG AA ✓ Pass

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 4680C1 Background



This preview shows how black text looks on a background with the Hex color 4680C1.

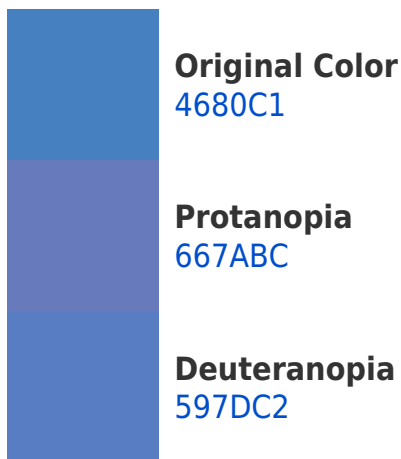


This preview shows how white text looks on a background with the Hex color 4680C1.

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](#).

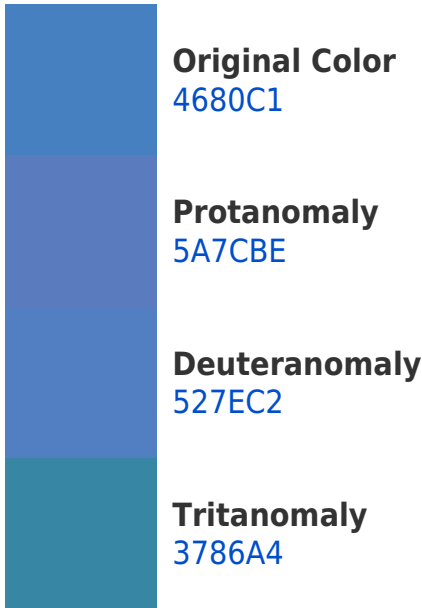
Dichromacy



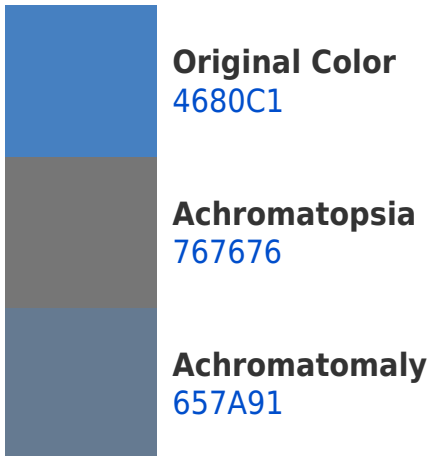


Tritanopia
2E8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4680C1 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 #4680C1 looks like.

```
.text, #text, p{  
    color:#4680C1  
}
```

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 #4680C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4680C1
}
```

Border

The CSS property to change the border of an element to Hex 4680C1 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
#4680C1 }
```

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

```
.border{ border-color:#4680C1 }
```

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

Here you see how a box with a 4 pixel #4680C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4680C1; -webkit-box-shadow:4px 4px  
4px 4px #4680C1; box-shadow:4px 4px 4px  
4px #4680C1 }
```

Background

The CSS property to change the background color of an element to Hex 4680C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4680C1 }
```

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

```
.background{ background-color:#4680C1 }
```

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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