

Converting Colors

Hex(4680F6)

Have a look what the booklet for
Hex(4680F6) contains.

Hex(4680F6)	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(4680F6)

Conversions

Conversions Part 1

Format	Color
Hex	4680F6
RGB	70, 128, 246
RGB Percent	27%, 50%, 96%
CMY	0.7255, 0.4980, 0.0353
CMYK	0.72, 0.48, 0.00, 0.04
HSL	220°, 91%, 62%
HSV	220°, 72%, 96%
XYZ	26.8795, 23.3943, 90.2876
YIQ	124.1100, -72.4460, 24.4020

Conversions

Conversions Part 2

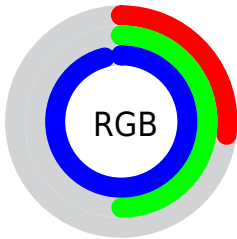
Format	Color
R _Y B	70, 114, 246
Decimal	4620534
CIE _{Lab}	55.48, 20.11, -64.66
CIE _{LCh}	55, 67.716, 287.274
Y _{xy}	23.3943, 0.1912, 0.1664
Android (android.graphics.Color)	4282810614 (0xFF4680F6)
YUV	124.1100, 60.0918, -47.4545
Hunter-Lab	48.3676, 14.5552, -76.8191

Details

The Hex color **4680F6** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **F6BC46**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8AB4FF**, and **0050BD** is the 20% darker color. If you saturate the color by 10%, you get **2D70F6**, and if you desaturate by 10%, it is **5F90F6**.

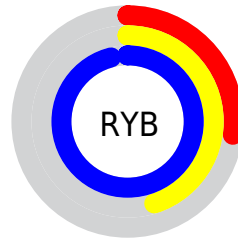
Distribution



Red (27%)

Green (50%)

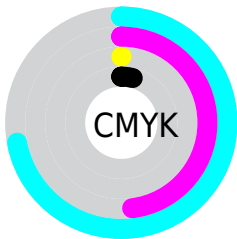
Blue (96%)



Red (27%)

Yellow (45%)

Blue (96%)

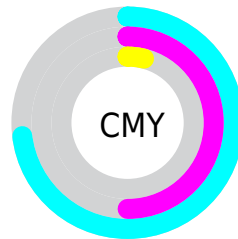


Cyan (72%)

Magenta (48%)

Yellow (0%)

Black (4%)



Cyan (73%)

Magenta (50%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4680F6 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 4680F6 by changing the saturation by 10% instead.

 4680F6

 4680F6

FFFFFF

 0F67D9

 8AB4FF

 0050BD

 A9D0FF

 003AA1

 C8ECFF

 002686

 E7FFFF

 00146C

 000B53

 00063B

 000224

 00000C

■ 4680F6

■ 4680F6

■ 2D70F6

■ 5F90F6

■ 155FF6

■ 77A1F6

■ 0051F6

■ 90B1F6

■ A8C2F6

■ C1D2F6

■ DAE3F6

■ F2F3F6

■ FFFFF6

Harmonies

Analogous

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



0093F8



4680F6



B164D5

Triad

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



4680F6



DB5F2F



009E69

Complementary

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



4680F6



F6BC46

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.



34982D



4680F6



B47900

Square

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



4680F6



EC4766



808C00



00A0A6

Rectangle

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



4680F6



D551B3



808C00



009D55

Sweetspot

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



4680F6



C9DBFF



46F6BB



606A80



000000



808080

Same Dimension

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



4680F6



246CFF



6346F6



6E727A



003DBA



00133B

Inverse Universe

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



F64680



FF246C



D9F646



7A6E72



BA003D



3B0013

Previews

White Background



This preview shows how the Hex color 4680F6 looks on a white background.

Color Contrast Check

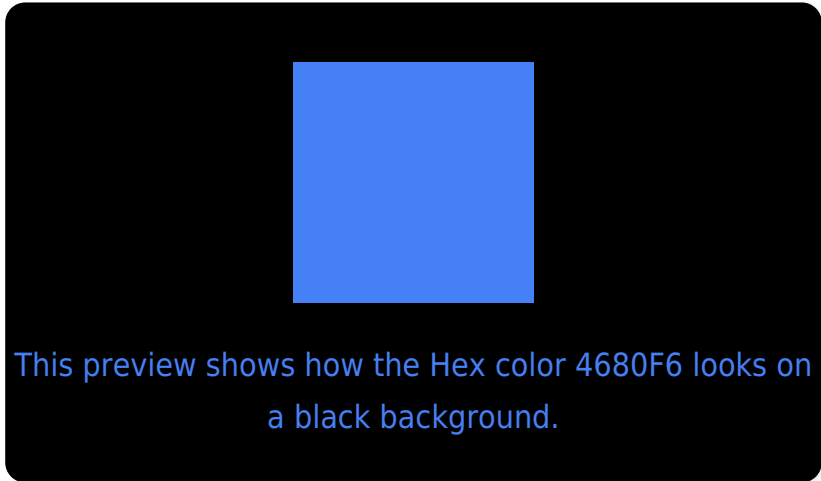
Large Text (above 18pt) WCAG AA ✓ Pass

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

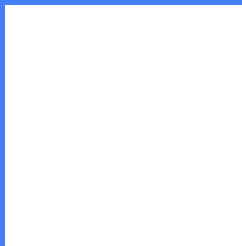
Any Text WCAG AAA × Fail

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

Hex 4680F6 Background



This preview shows how black text looks on a background with the Hex color 4680F6.

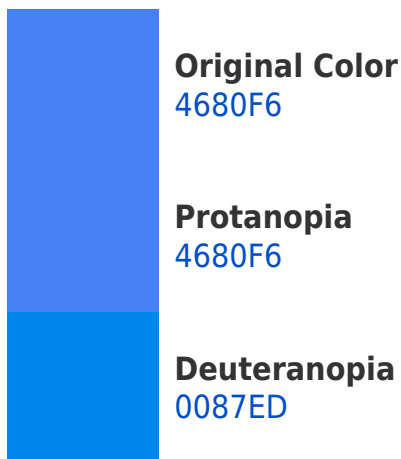


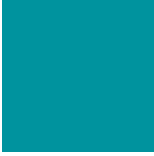
This preview shows how white text looks on a background with the Hex color 4680F6.

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](#).

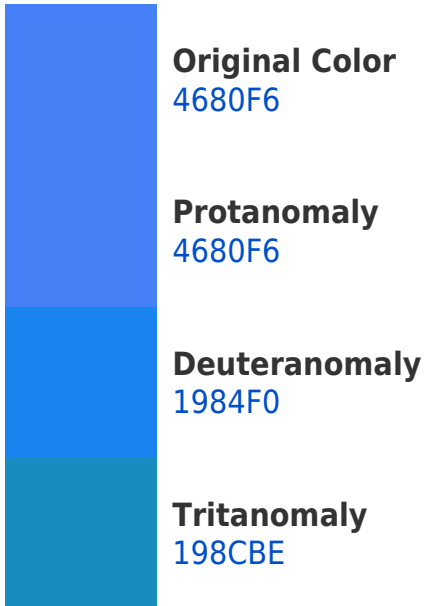
Dichromacy





Tritanopia
00939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4680F6 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 #4680F6 looks like.

```
.text, #text, p{  
    color:#4680F6  
}
```

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 #4680F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4680F6  
}
```

Border

The CSS property to change the border of an element to Hex 4680F6 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  
#4680F6 }
```

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

```
.border{ border-color:#4680F6 }
```

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

Here you see how a box with a 4 pixel #4680F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4680F6; -webkit-box-shadow:4px 4px  
4px 4px #4680F6; box-shadow:4px 4px 4px  
4px #4680F6 }
```

Background

The CSS property to change the background color of an element to Hex 4680F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4680F6 }
```

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

```
.background{ background-color:#4680F6 }
```

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