

Converting Colors

Hex(4683FC)

Have a look what the booklet for
Hex(4683FC) contains.

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Color

Hex(4683FC)

Conversions

Conversions Part 1

Format	Color
Hex	4683FC
RGB	70, 131, 252
RGB Percent	27%, 51%, 99%
CMY	0.7255, 0.4863, 0.0118
CMYK	0.72, 0.48, 0.00, 0.01
HSL	220°, 97%, 63%
HSV	220°, 72%, 99%
XYZ	28.2128, 24.5630, 95.3496
YIQ	126.5550, -75.1970, 24.6990

Conversions

Conversions Part 2

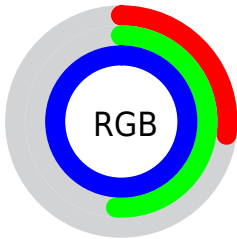
Format	Color
R_{YB}	70, 116, 252
Decimal	4621308
CIE _{Lab}	56.65, 20.40, -66.09
CIE _{LCh}	57, 69.168, 287.153
Yxy	24.5630, 0.1905, 0.1658
Android (android.graphics.Color)	4282811388 (0xFF4683FC)
YUV	126.5550, 61.8444, -49.5987
Hunter-Lab	49.5610, 14.8799, -79.3743

Details

The Hex color **4683FC** 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 **FCBF46**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8BB7FF**, and **0053C3** is the 20% darker color. If you saturate the color by 10%, you get **2D72FC**, and if you desaturate by 10%, it is **5F94FC**.

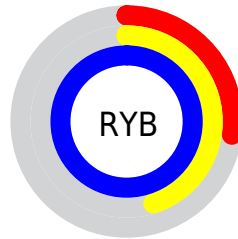
Distribution



Red (27%)

Green (51%)

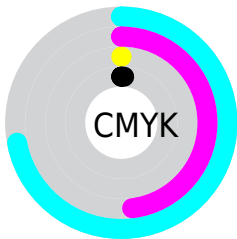
Blue (99%)



Red (27%)

Yellow (45%)

Blue (99%)

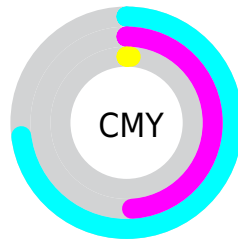


Cyan (72%)

Magenta (48%)

Yellow (0%)

Black (1%)



Cyan (73%)

Magenta (49%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4683FC 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 4683FC by changing the saturation by 10% instead.

 4683FC

 4683FC

FFFFFF

 0B6ADF

 8BB7FF

 0053C3

 AAD3FF

 003CA7

 C9EFFF


 00288C

 E8FFFF

 001671

 000858

 000740

 000329

 000113

■ 4683FC

■ 4683FC

■ 2D72FC

■ 5F94FC

■ 1461FC

■ 78A5FC

■ 0054FC

■ 92B5FC

■ ABC6FC

■ C4D7FC

■ DDE8FC

■ F6F8FC

FFFFFC

Harmonies

Analogous

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



0096FE



4683FC



B567DB

Triad

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



4683FC



E06130



00A26B

Complementary

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



4683FC



FCBF46

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.



359C2D



4683FC



B97C00

Square

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



4683FC



F24868



839000



00A3AA

Rectangle

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



4683FC



DA53B8



839000



00A056

Sweetspot

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



4683FC



C7DAFF



46FCBC



5E6980



000000



808080

Same Dimension

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



4683FC



216CFF



6146FC



70757D



003FBD



00153D

Inverse Universe

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



FC4683



FF216C



E1FC46



7D7075



BD003F



3D0015

Previews

White Background



This preview shows how the Hex color 4683FC looks on a white background.

Color Contrast Check

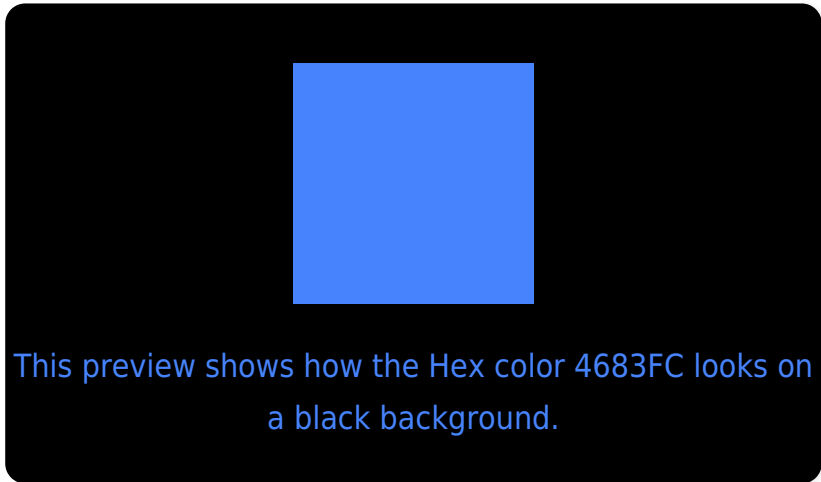
Large Text (above 18pt) WCAG AA ✓ Pass

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

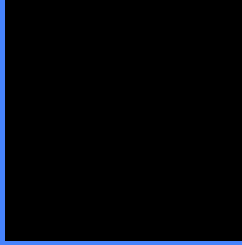
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

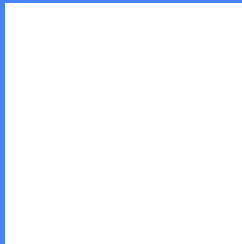
Any Text WCAG AAA × Fail

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

Hex 4683FC Background



This preview shows how black text looks on a background with the Hex color 4683FC.



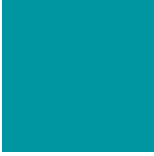
This preview shows how white text looks on a background with the Hex color 4683FC.

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](#).

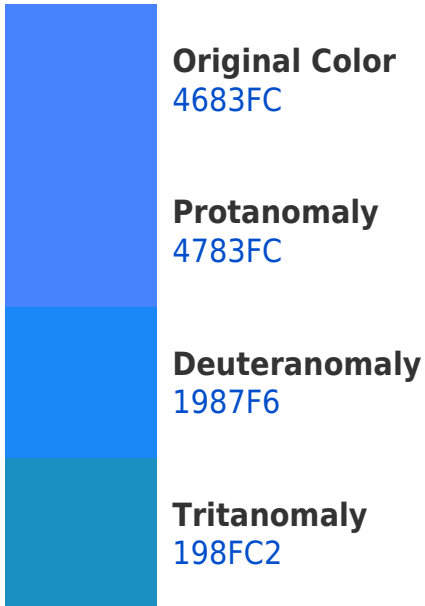
Dichromacy



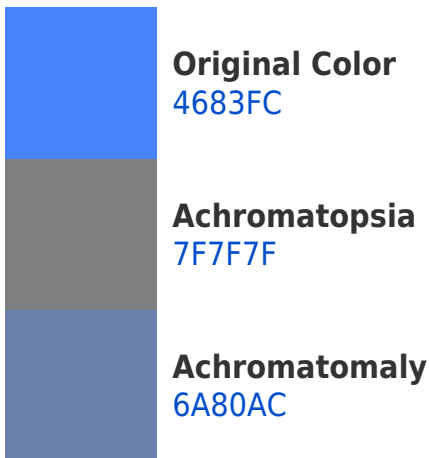


Tritanopia
0096A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4683FC 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 #4683FC looks like.

```
.text, #text, p{  
    color:#4683FC  
}
```

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 #4683FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4683FC
}
```

Border

The CSS property to change the border of an element to Hex 4683FC 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
#4683FC }
```

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

```
.border{ border-color:#4683FC }
```

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

Here you see how a box with a 4 pixel #4683FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4683FC; -webkit-box-shadow:4px 4px  
4px 4px #4683FC; box-shadow:4px 4px 4px  
4px #4683FC }
```

Background

The CSS property to change the background color of an element to Hex 4683FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4683FC }
```

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

```
.background{ background-color:#4683FC }
```

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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