

Converting Colors

Hex(65B1F4)

Have a look what the booklet for
Hex(65B1F4) contains.

Hex(65B1F4)	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(65B1F4)

Conversions

Conversions Part 1

Format	Color
Hex	65B1F4
RGB	101, 177, 244
RGB Percent	40%, 69%, 96%
CMY	0.6039, 0.3059, 0.0431
CMYK	0.59, 0.27, 0.00, 0.04
HSL	208°, 87%, 68%
HSV	208°, 59%, 96%
XYZ	37.4181, 40.7426, 91.4799
YIQ	161.9140, -66.8030, 4.7250

Conversions

Conversions Part 2

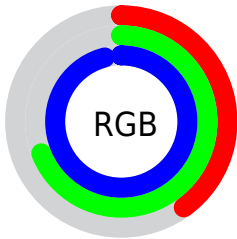
Format	Color
R _Y B	101, 151, 244
Decimal	6664692
CIE Lab	70.00, -4.22, -40.45
CIE LCh	70, 40.672, 264.049
Yxy	40.7426, 0.2206, 0.2402
Android (android.graphics.Color)	4284854772 (0xFF65B1F4)
YUV	161.9140, 40.4684, -53.4216
Hunter-Lab	63.8300, -7.0630, -40.2924

Details

The Hex color **65B1F4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F4A865**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A1E8FF**, and **1A7DBB** is the 20% darker color. If you saturate the color by 10%, you get **4DA6F4**, and if you desaturate by 10%, it is **7DBCFF**.

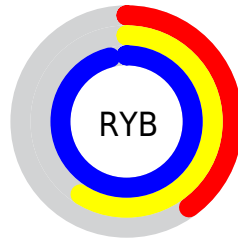
Distribution



Red (40%)

Green (69%)

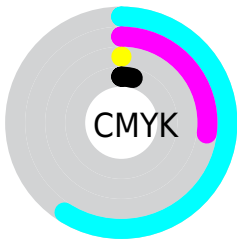
Blue (96%)



Red (40%)

Yellow (59%)

Blue (96%)

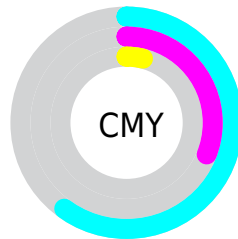


Cyan (59%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (60%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B1F4 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 65B1F4 by changing the saturation by 10% instead.

 65B1F4

 65B1F4

FFFFFF

 4496D7

 A1E8FF

 1A7DBB

 BFFFFFF

 0064A0

 DDFFFF

 004C86

 FCFFFF

 00366C

 002153

 00063C

 000225

 00010E

■ 65B1F4

■ 65B1F4

■ 4DA6F4

■ 7DBC4F4

■ 349AF4

■ 96C8F4

■ 1C8FF4

■ AED3F4

■ 0383F4

■ C7DFF4

■ 0082F4

■ DF4EAF4

■ F7F6F4

■ FFFF4

Harmonies

Analogous

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



00BAE6



65B1F4



A4A4EE

Triad

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



65B1F4



F2908F



79BA7E

Complementary

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



65B1F4



F4A865

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.



A5B266



65B1F4



E59971

Square

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



65B1F4



ED8EB4



C9A661



44BEA2

Rectangle

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



65B1F4



C59BE0



C9A661



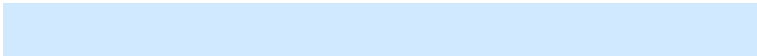
89B875

Sweetspot

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



65B1F4



D1E9FF



65F4A8



637280



000000



808080

Same Dimension

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



65B1F4



4DABFF



656AF4



6E757A



0063BA



001F3B

Inverse Universe

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



F465B1



FF4DAB



F4EF65



7A6E75



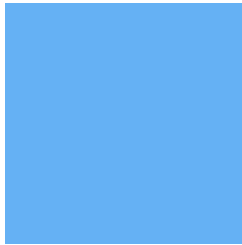
BA0063



3B001F

Previews

White Background



This preview shows how the Hex color 65B1F4 looks on a white background.

Color Contrast Check

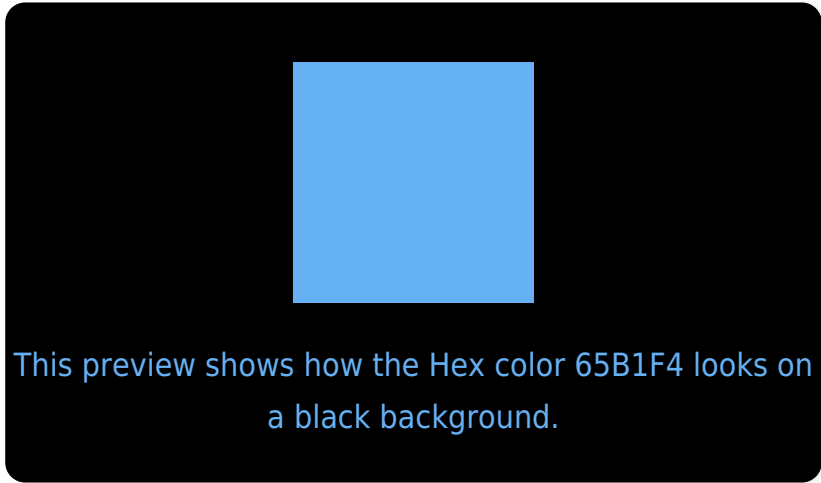
Large Text (above 18pt) WCAG AA × Fail

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

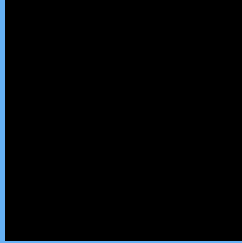
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

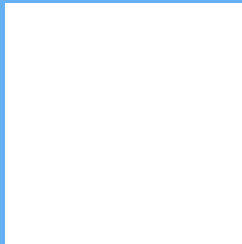
Any Text WCAG AAA ✓ Pass

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

Hex 65B1F4 Background



This preview shows how black text looks on a background with the Hex color 65B1F4.

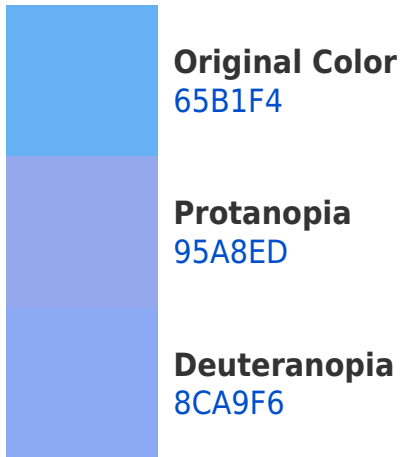


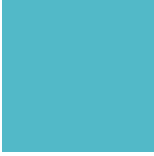
This preview shows how white text looks on a background with the Hex color 65B1F4.

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](#).

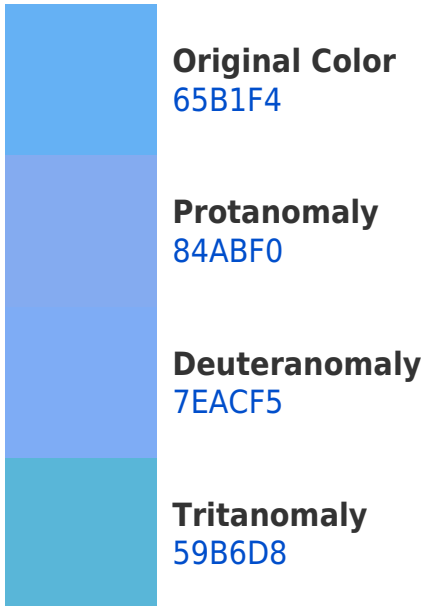
Dichromacy



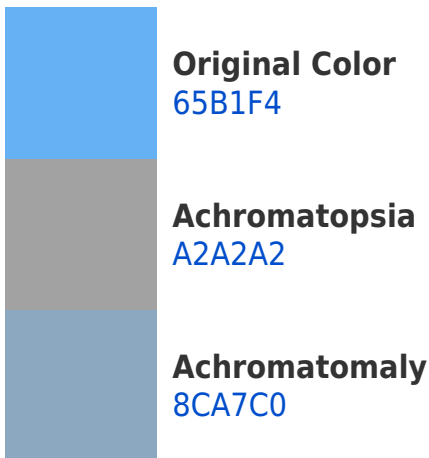


Tritanopia
52B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B1F4 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 #65B1F4 looks like.

```
.text, #text, p{  
    color:#65B1F4  
}
```

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 #65B1F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B1F4
}
```

Border

The CSS property to change the border of an element to Hex 65B1F4 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
#65B1F4 }
```

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

```
.border{ border-color:#65B1F4 }
```

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

Here you see how a box with a 4 pixel #65B1F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B1F4; -webkit-box-shadow:4px 4px  
4px 4px #65B1F4; box-shadow:4px 4px 4px  
4px #65B1F4 }
```

Background

The CSS property to change the background color of an element to Hex 65B1F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B1F4 }
```

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

```
.background{ background-color:#65B1F4 }
```

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