

Converting Colors

Hex(65C3F3)

Have a look what the booklet for
Hex(65C3F3) contains.

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Color

Hex(65C3F3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 65C3F3 |
| RGB | 101, 195, 243 |
| RGB Percent | 40%, 76%, 95% |
| CMY | 0.6039, 0.2353, 0.0471 |
| CMYK | 0.58, 0.20, 0.00, 0.05 |
| HSL | 200°, 86%, 67% |
| HSV | 200°, 58%, 95% |
| XYZ | 41.0596, 48.2680, 91.9466 |
| YIQ | 172.3660, -71.4320, -5.0000 |

Conversions

Conversions Part 2

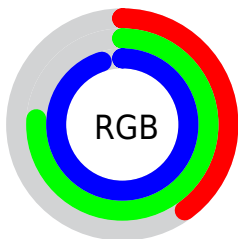
| Format | Color |
|--|---|
| RYB | 101, 158, 243 |
| Decimal | 6669299 |
| CIELab | 74.99, -14.24, -32.16 |
| CIElCh | 75, 35.167, 246.114 |
| Yxy | 48.2680, 0.2265, 0.2663 |
| Android (android.graphics.Color) | 4284859379 (0xFF65C3F3) |
| YUV | 172.3660, 34.8226, -62.5880 |
| Hunter-Lab | 69.4752, -16.0886, -29.8345 |

Details

The Hex color **65C3F3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F39565**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A2FCFF**, and **188DBB** is the 20% darker color. If you saturate the color by 10%, you get **4DBBF3**, and if you desaturate by 10%, it is **7DCBF3**.

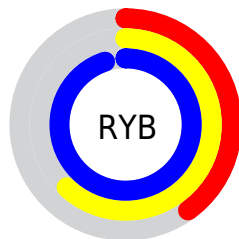
Distribution



Red (40%)

Green (76%)

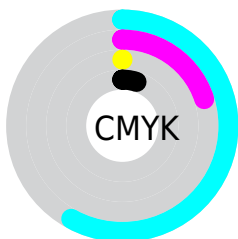
Blue (95%)



Red (40%)

Yellow (62%)

Blue (95%)

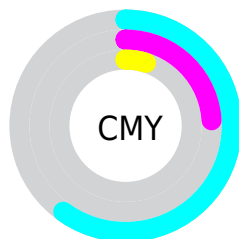


Cyan (58%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (60%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C3F3 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 65C3F3 by changing the saturation by 10% instead.

 65C3F3

 65C3F3

FFFFFF

 44A8D6

 A2FCFF

 188DBB

 C0FFFF

 0074A0

 DEFFFF

 005B85

 FCFFFF

 00446C

 002E53

 001A3C

 000226

 00010F

■ 65C3F3

■ 65C3F3

■ 4DBBF3

■ 7DCBF3

■ 34B3F3

■ 96D3F3

■ 1CAAF3

■ AEDCF3

■ 04A2F3

■ C6E4F3

■ 00A1F3

■ DEECF3

■ F7F4F3

■ FFFCF3

■ FFFFF3

Harmonies

Analogous

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



48C9DE



65C3F3



97B9F9

Triad

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



65C3F3



F8A0B3



A5C283

Complementary

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



65C3F3



F39565

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.



C8B978



65C3F3



F6A494

Square

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



65C3F3



E7A4D3



E5AE7E



7FC89D

Rectangle

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



65C3F3



B7B2F3



E5AE7E



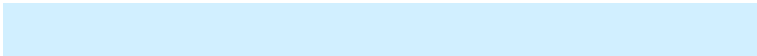
B1BF7E

Sweetspot

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



65C3F3



D1EFFF



65F394



637680



000000



808080

Same Dimension

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



65C3F3



4DC3FF



657DF3



6E767A



007BBA



00273B

Inverse Universe

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



F365C3



FF4DC3



F3DB65



7A6E76



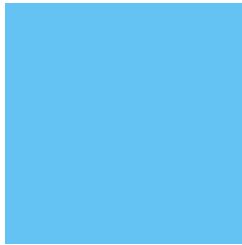
BA007B



3B0027

Previews

White Background



This preview shows how the Hex color 65C3F3 looks on a white background.

Color Contrast Check

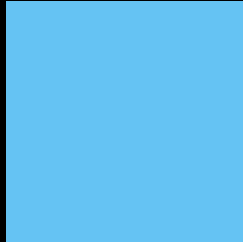
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 65C3F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

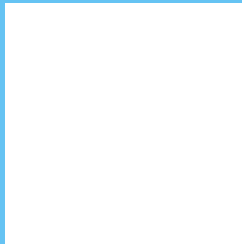
Any Text WCAG AAA ✓ Pass

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

Hex 65C3F3 Background



This preview shows how black text looks on a background with the Hex color 65C3F3.

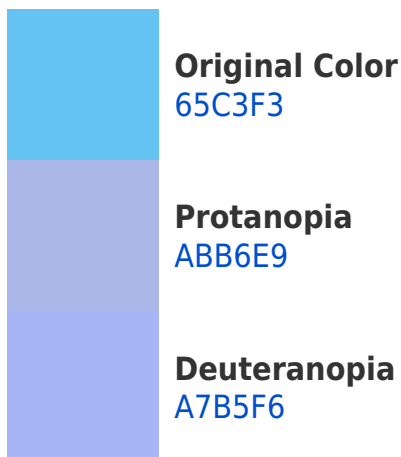


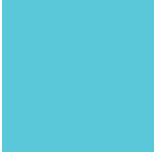
This preview shows how white text looks on a background with the Hex color 65C3F3.

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](#).

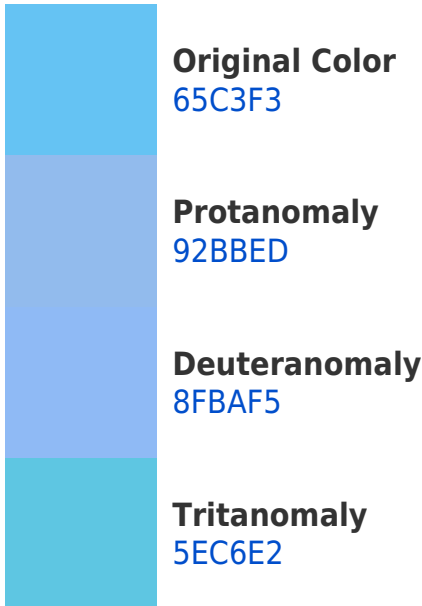
Dichromacy



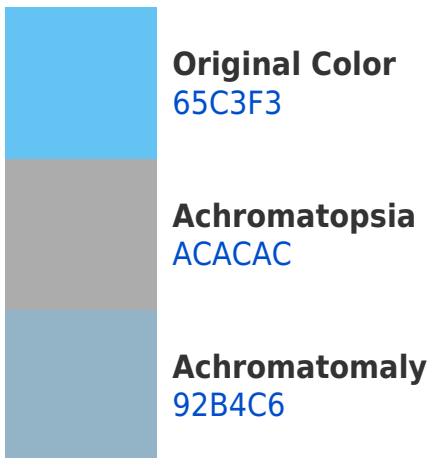


Tritanopia
5AC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65C3F3 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 #65C3F3 looks like.

```
.text, #text, p{  
    color:#65C3F3  
}
```

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 #65C3F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C3F3
}
```

Border

The CSS property to change the border of an element to Hex 65C3F3 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
#65C3F3 }
```

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

```
.border{ border-color:#65C3F3 }
```

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

Here you see how a box with a 4 pixel #65C3F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C3F3; -webkit-box-shadow:4px 4px  
4px 4px #65C3F3; box-shadow:4px 4px 4px  
4px #65C3F3 }
```

Background

The CSS property to change the background color of an element to Hex 65C3F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C3F3 }
```

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

```
.background{ background-color:#65C3F3 }
```

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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