

Converting Colors

Hex(66C3F8)

Have a look what the booklet for
Hex(66C3F8) contains.

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Color

Hex(66C3F8)

Conversions

Conversions Part 1

Format	Color
Hex	66C3F8
RGB	102, 195, 248
RGB Percent	40%, 76%, 97%
CMY	0.6000, 0.2353, 0.0275
CMYK	0.59, 0.21, 0.00, 0.03
HSL	202°, 91%, 69%
HSV	202°, 59%, 97%
XYZ	41.9379, 48.6323, 95.9835
YIQ	173.2350, -72.4410, -3.2330

Conversions

Conversions Part 2

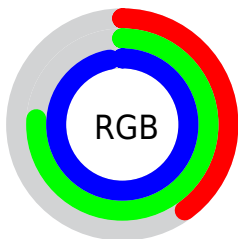
Format	Color
R _Y B	102, 159, 248
Decimal	6734840
CIE Lab	75.22, -12.55, -34.49
CIE LCh	75, 36.700, 250.007
Yxy	48.6323, 0.2248, 0.2607
Android (android.graphics.Color)	4284924920 (0xFF66C3F8)
YUV	173.2350, 36.8591, -62.4731
Hunter-Lab	69.7369, -14.6944, -32.7890

Details

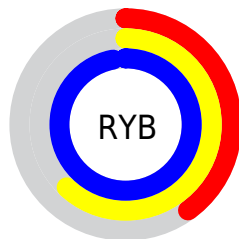
The Hex color **66C3F8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F89B66**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A3FCFF**, and **188DBF** is the 20% darker color. If you saturate the color by 10%, you get **4DBAF8**, and if you desaturate by 10%, it is **7FCCF8**.

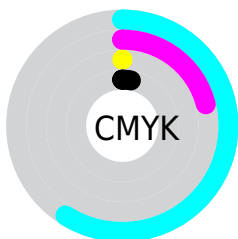
Distribution



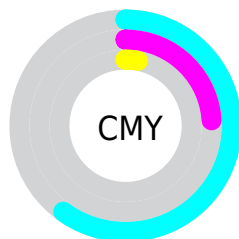
- Red (40%)
- Green (76%)
- Blue (97%)



- Red (40%)
- Yellow (62%)
- Blue (97%)



- Cyan (59%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (60%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66C3F8 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 66C3F8 by changing the saturation by 10% instead.

 66C3F8

 66C3F8

FFFFFF

 45A8DB

 A3FCFF

 188DBF

 C1FFFF

 0074A4

 DFFFFF

 005B8A

FEFFFF

 004470

 002E57

 001A40

 000329

 000113

■ 66C3F8

■ 66C3F8

■ 4DBAF8

■ 7FCCF8

■ 34B1F8

■ 98D5F8

■ 1CA8F8

■ B0DEF8

■ 039FF8

■ C9E7F8

■ 009EF8

■ E2F0F8

■ FBF9F8

■ FFFFF8

Harmonies

Analogous

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



3FC9E4



66C3F8



9CB9FB

Triad

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



66C3F8



FC9FAF



A0C484

Complementary

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



66C3F8



F89B66

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.



C5BB76



66C3F8



F7A58F

Square

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



66C3F8



EDA2D1



E4AF7A



77CAA1

Rectangle

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



66C3F8



BDB0F4



E4AF7A



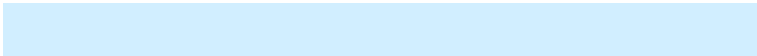
ADC17E

Sweetspot

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



66C3F8



D1EEFF



66F899



637580



000000



808080

Same Dimension

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



66C3F8



4ABDFE



667CF8



70787D



0078BD



00273D

Inverse Universe

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



F866C3



FF4ABD



F8E266



7D7078



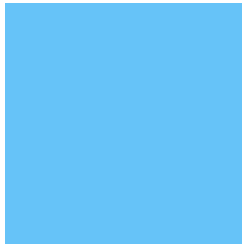
BD0078



3D0027

Previews

White Background



This preview shows how the Hex color 66C3F8 looks on a white background.

Color Contrast Check

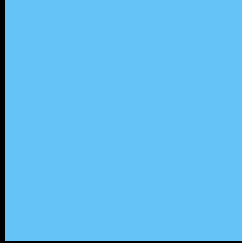
Large Text (above 18pt) WCAG AA × Fail

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 66C3F8 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

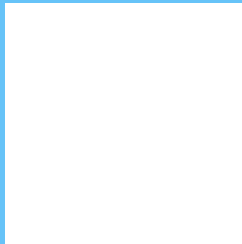
Any Text WCAG AAA ✓ Pass

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

Hex 66C3F8 Background



This preview shows how black text looks on a background with the Hex color 66C3F8.

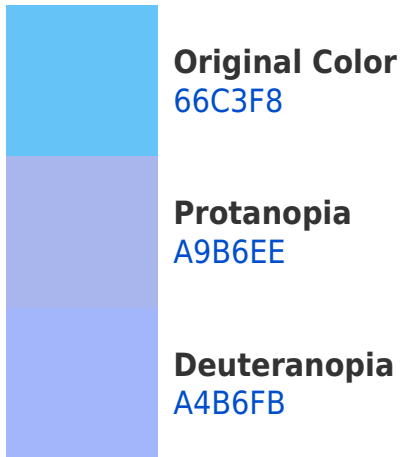


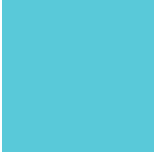
This preview shows how white text looks on a background with the Hex color 66C3F8.

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](#).

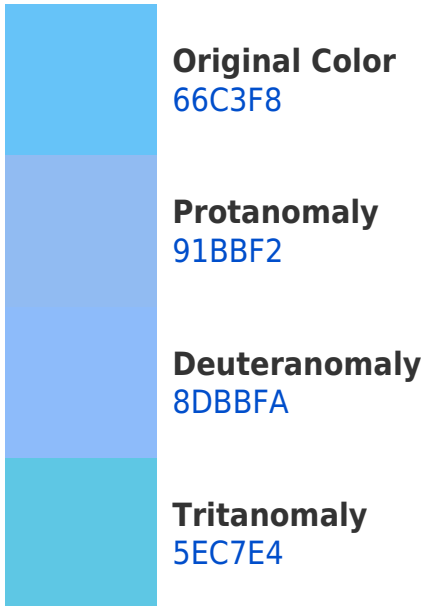
Dichromacy



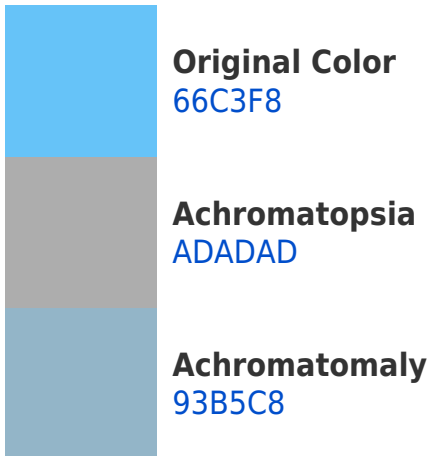


Tritanopia
59C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66C3F8 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 #66C3F8 looks like.

```
.text, #text, p{  
    color:#66C3F8  
}
```

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 #66C3F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66C3F8
}
```

Border

The CSS property to change the border of an element to Hex 66C3F8 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
#66C3F8 }
```

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

```
.border{ border-color:#66C3F8 }
```

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

Here you see how a box with a 4 pixel #66C3F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66C3F8; -webkit-box-shadow:4px 4px  
4px 4px #66C3F8; box-shadow:4px 4px 4px  
4px #66C3F8 }
```

Background

The CSS property to change the background color of an element to Hex 66C3F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66C3F8 }
```

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

```
.background{ background-color:#66C3F8 }
```

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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