

Converting Colors

Hex(68B8F8)

Have a look what the booklet for
Hex(68B8F8) contains.

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Color

Hex(68B8F8)

Conversions

Conversions Part 1

Format	Color
Hex	68B8F8
RGB	104, 184, 248
RGB Percent	41%, 72%, 97%
CMY	0.5922, 0.2784, 0.0275
CMYK	0.58, 0.26, 0.00, 0.03
HSL	207°, 91%, 69%
HSV	207°, 58%, 97%
XYZ	39.7927, 44.0013, 95.2027
YIQ	167.3760, -68.2240, 2.9440

Conversions

Conversions Part 2

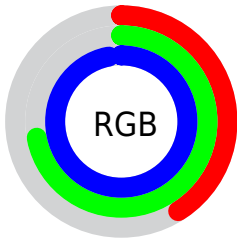
Format	Color
RYB	104, 155, 248
Decimal	6863096
CIELab	72.23, -6.25, -39.13
CIELCh	72, 39.623, 260.920
Yxy	44.0013, 0.2223, 0.2458
Android (android.graphics.Color)	4285053176 (0xFF68B8F8)
YUV	167.3760, 39.7476, -55.5808
Hunter-Lab	66.3335, -9.0036, -38.6603

Details

The Hex color **68B8F8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F8A868**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A4F0FF**, and **1F83BF** is the 20% darker color. If you saturate the color by 10%, you get **4FADF8**, and if you desaturate by 10%, it is **81C3F8**.

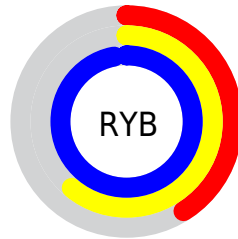
Distribution



Red (41%)

Green (72%)

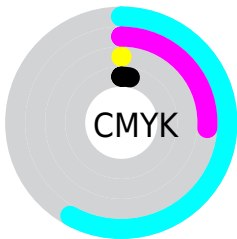
Blue (97%)



Red (41%)

Yellow (61%)

Blue (97%)

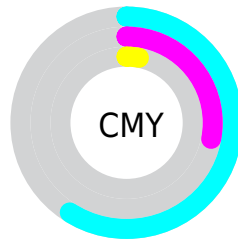


Cyan (58%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (59%)

Magenta (28%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B8F8 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 68B8F8 by changing the saturation by 10% instead.

 68B8F8

FFFFFF

 A4F0FF

 C2FFFF

 E0FFFF

 68B8F8

 489DDB

 1F83BF

 006AA4

 005289

 003B70

 002657

 00113F

 000329

 000112

■ 68B8F8

■ 68B8F8

■ 4FADF8

■ 81C3F8

■ 36A2F8

■ 9ACEF8

■ 1E97F8

■ B2D9F8

■ 058CF8

■ CBE4F8

■ 008AF8

■ E4EFF8

■ FDFAF8

■ FFFFF8

Harmonies

Analogous

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



1FC0E8



68B8F8



A5ACF5

Triad

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



68B8F8



F89699



85BF82

Complementary

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



68B8F8



F8A868

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.



AFB76C



68B8F8



EC9F7A

Square

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



68B8F8



F096BE



D3AB69



55C4A4

Rectangle

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



68B8F8



C6A3E8



D3AB69



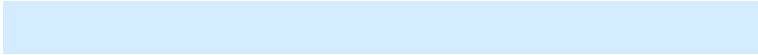
94BD79

Sweetspot

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



68B8F8



D4ECFF



68F8A6



667480



000000



808080

Same Dimension

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



68B8F8



4DB0FF



6872F8



70777D



0069BD



00223D

Inverse Universe

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



F868B8



FF4DB0



F8EE68



7D7077



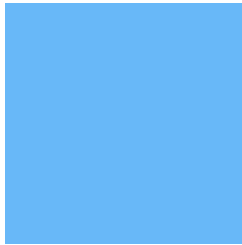
BD0069



3D0022

Previews

White Background



This preview shows how the Hex color 68B8F8 looks on a white background.

Color Contrast Check

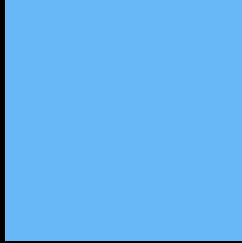
Large Text (above 18pt) WCAG AA × Fail

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 68B8F8 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

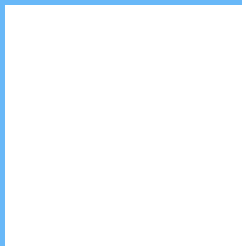
Any Text WCAG AAA ✓ Pass

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

Hex 68B8F8 Background



This preview shows how black text looks on a background with the Hex color 68B8F8.



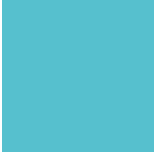
This preview shows how white text looks on a background with the Hex color 68B8F8.

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



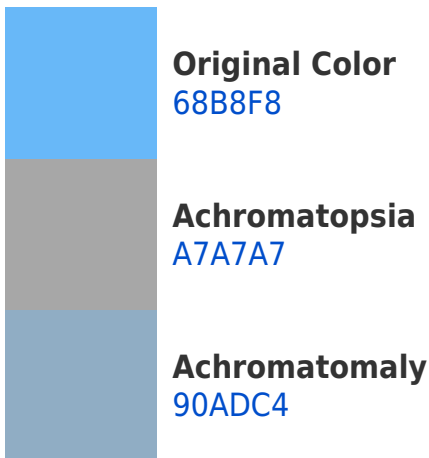


Tritanopia
57C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B8F8 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 #68B8F8 looks like.

```
.text, #text, p{  
    color:#68B8F8  
}
```

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 #68B8F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B8F8
}
```

Border

The CSS property to change the border of an element to Hex 68B8F8 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
#68B8F8 }
```

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

```
.border{ border-color:#68B8F8 }
```

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

Here you see how a box with a 4 pixel #68B8F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B8F8; -webkit-box-shadow:4px 4px  
4px 4px #68B8F8; box-shadow:4px 4px 4px  
4px #68B8F8 }
```

Background

The CSS property to change the background color of an element to Hex 68B8F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B8F8 }
```

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

```
.background{ background-color:#68B8F8 }
```

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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