

Converting Colors

Hex(68B2F7)

Have a look what the booklet for
Hex(68B2F7) contains.

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Color

Hex(68B2F7)

Conversions

Conversions Part 1

Format	Color
Hex	68B2F7
RGB	104, 178, 247
RGB Percent	41%, 70%, 97%
CMY	0.5922, 0.3020, 0.0314
CMYK	0.58, 0.28, 0.00, 0.03
HSL	209°, 90%, 69%
HSV	209°, 58%, 97%
XYZ	38.4178, 41.4992, 93.9810
YIQ	163.7400, -66.2530, 5.7710

Conversions

Conversions Part 2

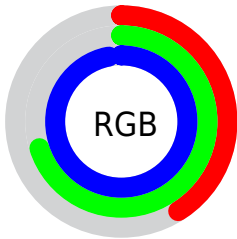
Format	Color
RYB	104, 153, 247
Decimal	6861559
CIELab	70.52, -3.26, -41.24
CIELCh	71, 41.374, 265.478
Yxy	41.4992, 0.2209, 0.2386
Android (android.graphics.Color)	4285051639 (0xFF68B2F7)
YUV	163.7400, 41.0472, -52.3920
Hunter-Lab	64.4199, -6.2836, -41.4031

Details

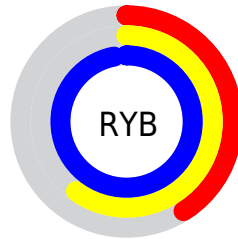
The Hex color **68B2F7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F7AD68**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A4EAF7**, and **1F7EBE** is the 20% darker color. If you saturate the color by 10%, you get **4FA6F7**, and if you desaturate by 10%, it is **81BEF7**.

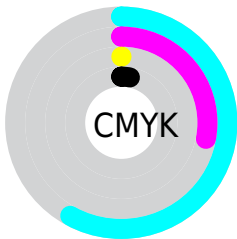
Distribution



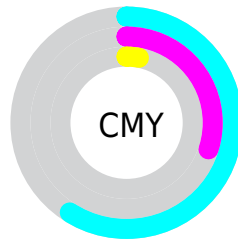
- Red (41%)
- Green (70%)
- Blue (97%)



- Red (41%)
- Yellow (60%)
- Blue (97%)



- Cyan (58%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)



- Cyan (59%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B2F7 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 68B2F7 by changing the saturation by 10% instead.

 68B2F7

 68B2F7

FFFFFF

 4897DA

 A4EAFF

 1F7EBE

 C2FFFF

 0065A3

 E0FFFF

 004D88

 00376F

 002256

 000A3E

 000328

 000111

■ 68B2F7

■ 68B2F7

■ 4FA6F7

■ 81BEF7

■ 379AF7

■ 99CAF7

■ 1E8EF7

■ B2D6F7

■ 0582F7

■ CBE2F7

■ 0080F7

■ E3EEF7

■ FCFAF7

■ FFFFF7

Harmonies

Analogous

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



00BBEA



68B2F7



A8A5F0

Triad

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



68B2F7



F5918E



77BC81

Complementary

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



68B2F7



F7AD68

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.



A4B467



68B2F7



E69B70

Square

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



68B2F7



F08FB4



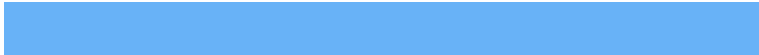
CAA861



40C0A5

Rectangle

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



68B2F7



C99CE2



CAA861



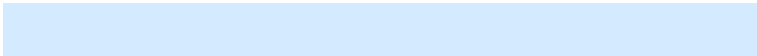
87BA76

Sweetspot

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



68B2F7



D4EAFF



68F7AB



667380



000000



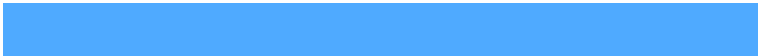
808080

Same Dimension

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



68B2F7



4FAAFF



686DF7



6E747A



0060BA



001E3B

Inverse Universe

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



F768B2



FF4FAA



F7F268



7A6E74



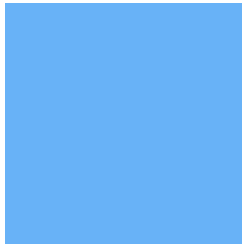
BA0060



3B001E

Previews

White Background



This preview shows how the Hex color 68B2F7 looks on a white background.

Color Contrast Check

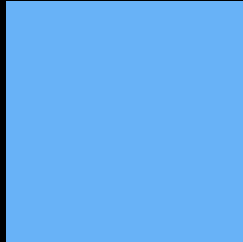
Large Text (above 18pt) WCAG AA × Fail

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 68B2F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

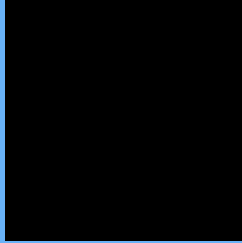
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

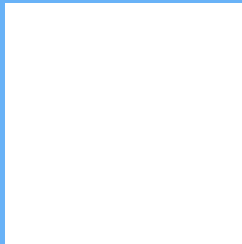
Any Text WCAG AAA ✓ Pass

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

Hex 68B2F7 Background



This preview shows how black text looks on a background with the Hex color 68B2F7.

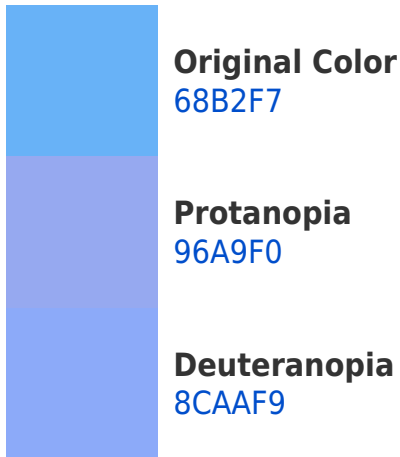


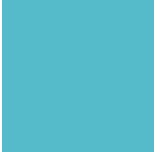
This preview shows how white text looks on a background with the Hex color 68B2F7.

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](#).

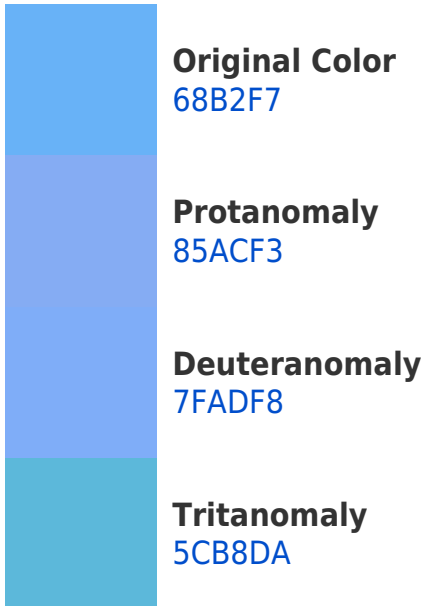
Dichromacy



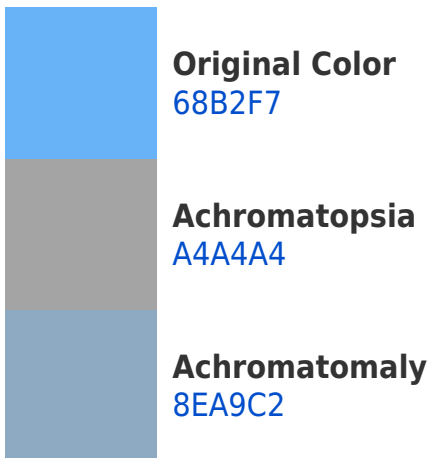


Tritanopia
55BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B2F7 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 #68B2F7 looks like.

```
.text, #text, p{  
    color:#68B2F7  
}
```

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 #68B2F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B2F7  
}
```

Border

The CSS property to change the border of an element to Hex 68B2F7 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  
#68B2F7 }
```

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

```
.border{ border-color:#68B2F7 }
```

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

Here you see how a box with a 4 pixel #68B2F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B2F7; -webkit-box-shadow:4px 4px  
4px 4px #68B2F7; box-shadow:4px 4px 4px  
4px #68B2F7 }
```

Background

The CSS property to change the background color of an element to Hex 68B2F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B2F7 }
```

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

```
.background{ background-color:#68B2F7 }
```

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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