

Converting Colors

Hex(68CEFF)

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

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Color

Hex(68CEFF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 68CEFF |
| RGB | 104, 206, 255 |
| RGB Percent | 41%, 81%, 100% |
| CMY | 0.5922, 0.1922, 0.0000 |
| CMYK | 0.59, 0.19, 0.00, 0.00 |
| HSL | 199°, 100%, 70% |
| HSV | 199°, 59%, 100% |
| XYZ | 45.8302, 54.3057, 102.6743 |
| YIQ | 181.0880, -76.5210, -6.3850 |

Conversions

Conversions Part 2

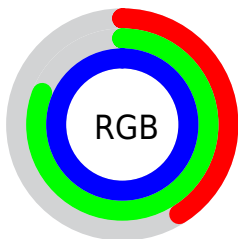
| Format | Color |
|-------------------------------------|---|
| RYB | 104, 165, 255 |
| Decimal | 6868735 |
| CIELab | 78.64, -15.85, -32.95 |
| CIELCh | 79, 36.566, 244.313 |
| Yxy | 54.3057, 0.2260, 0.2678 |
| Android (android.graphics.Color) | 4285058815 (0xFF68CEFF) |
| YUV | 181.0880, 36.4386, -67.6062 |
| Hunter-Lab | 73.6924, -17.9503, -31.0230 |

Details

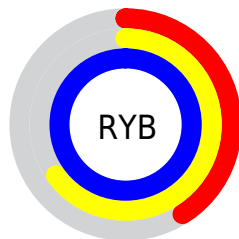
The Hex color **68CEFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9968**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A6FFFF**, and **1898C6** is the 20% darker color. If you saturate the color by 10%, you get **4FC6FF**, and if you desaturate by 10%, it is **82D6FF**.

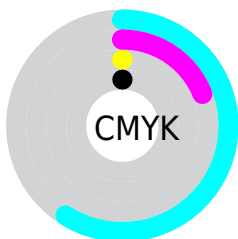
Distribution



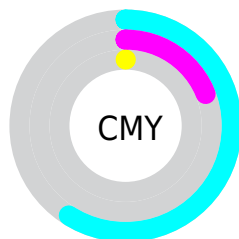
- Red (41%)
- Green (81%)
- Blue (100%)



- Red (41%)
- Yellow (65%)
- Blue (100%)



- Cyan (59%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 68CEFF

 68CEFF

FFFFFF

 46B2E2

 A6FFFF

 1898C6

 C4FFFF

 007EAB

 E3FFFF

 006590

 004D76

 00365D

 002145

 00042F

 000119

■ 68CEFF

■ 68CEFF

■ 4FC6FF

■ 82D6FF

■ 35BDFF

■ 9BDFFF

■ 1BB5FF

■ B4E7FF

■ 02ADFF

■ CEEFFF

■ 00ACFF

■ E8F7FF

FFFFFF

Harmonies

Analogous

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



4CD4E8



68CEFF



9CC4FF

Triad

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



68CEFF



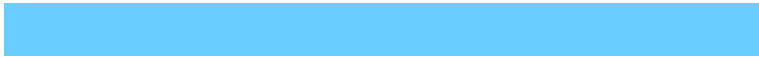
FFA9BF



B1CC89

Complementary

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



68CEFF



FF9968

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.



D5C27E



68CEFF



FFAD9E

Square

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



68CEFF



F2ADE1



F2B686



88D3A4

Rectangle

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



68CEFF



BEBCFF



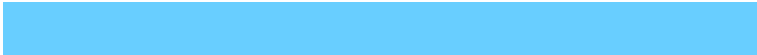
F2B686



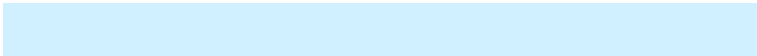
BDC984

Sweetspot

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



68CEFF



D1F0FF



68FF98



637680



000000



808080

Same Dimension

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



68CEFF



4AC4FF



6884FF



737B80



0081BF



002B40

Inverse Universe

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



FF68CE



FF4AC4



FFE368



80737B



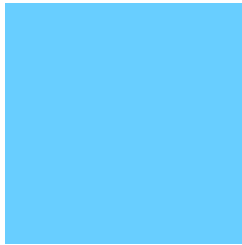
BF0081



40002B

Previews

White Background



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

Color Contrast Check

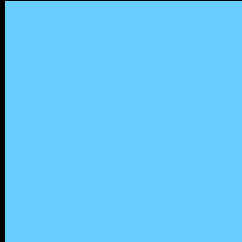
Large Text (above 18pt) WCAG AA × Fail

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 68CEFF 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

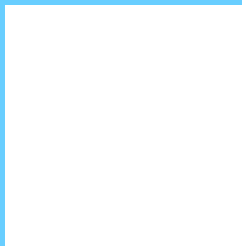
Any Text WCAG AAA ✓ Pass

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

Hex 68CEFF Background



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

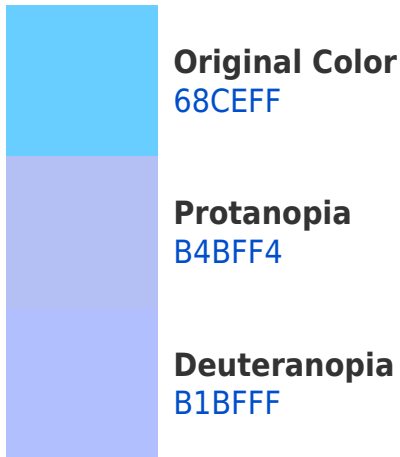


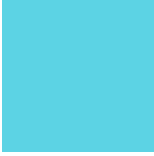
This preview shows how white text looks on a background with the Hex color 68CEFF.

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](#).

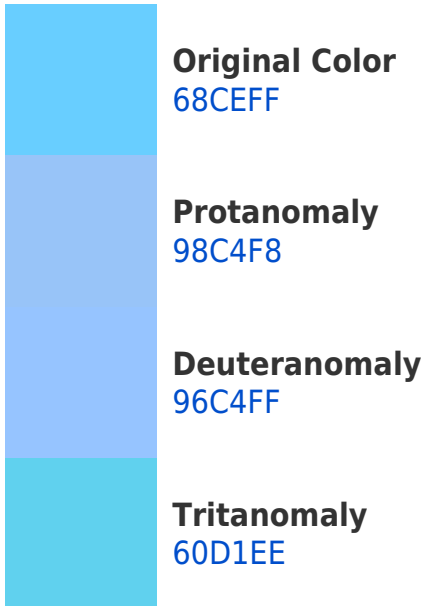
Dichromacy



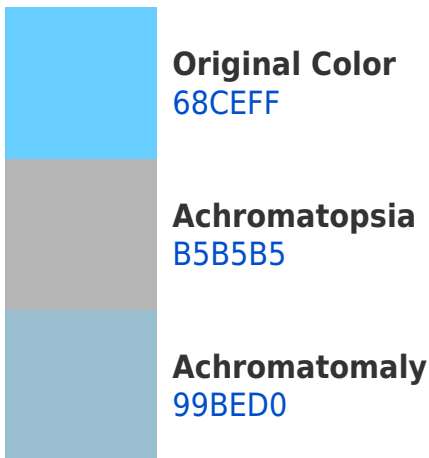


Tritanopia
5CD3E4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #68CEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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