

Converting Colors

Hex(68E9FF)

Have a look what the booklet for
Hex(68E9FF) contains.

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Color

Hex(68E9FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 68E9FF |
| RGB | 104, 233, 255 |
| RGB Percent | 41%, 91%, 100% |
| CMY | 0.5922, 0.0863, 0.0000 |
| CMYK | 0.59, 0.09, 0.00, 0.00 |
| HSL | 189°, 100%, 70% |
| HSV | 189°, 59%, 100% |
| XYZ | 52.8978, 68.4409, 105.0301 |
| YIQ | 196.9370, -83.9460, -20.5060 |

Conversions

Conversions Part 2

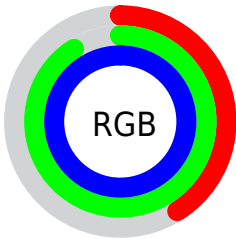
| Format | Color |
|-------------------------------------|--|
| RYB | 104, 174, 255 |
| Decimal | 6875647 |
| CIELab | 86.23, -29.35, -21.36 |
| CIELCh | 86, 36.302, 216.044 |
| Yxy | 68.4409, 0.2337, 0.3023 |
| Android (android.graphics.Color) | 4285065727 (0xFF68E9FF) |
| YUV | 196.9370, 28.6251, -81.5057 |
| Hunter-Lab | 82.7290, -30.6409, -17.3624 |

Details

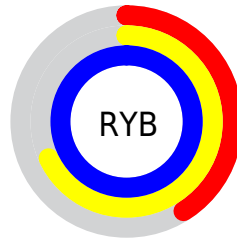
The Hex color **68E9FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF7E68**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **A7FFFF**, and **0EB1C6** is the 20% darker color. If you saturate the color by 10%, you get **4FE5FF**, and if you desaturate by 10%, it is **82EDFF**.

Distribution



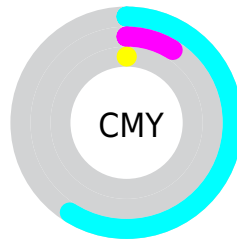
- Red (41%)
- Green (91%)
- Blue (100%)



- Red (41%)
- Yellow (68%)
- Blue (100%)



- Cyan (59%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68E9FF 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 68E9FF by changing the saturation by 10% instead.

 68E9FF

 68E9FF

FFFFFF

 45CDE2

 A7FFFF

 0EB1C6

 C6FFFF

 0096AB

 E5FFFF

 007C90

 006377

 004A5E

 003346

 002030

 00011B

 68E9FF

 68E9FF

 4FE5FF


 82EDFF

 35E2FF

 9BF0FF

 1BDEFF

 B4F4FF

 02DAFF

 CEF8FF

 00DAFF

 E8FCFF

FFFFFF

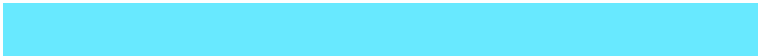
Harmonies

Analogous

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



77EBDE



68E9FF



83E3FF

Triad

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



68E9FF



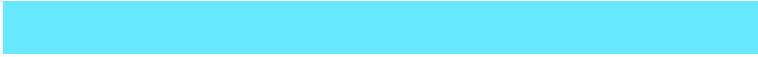
FFC2F4



E9D893

Complementary

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



68E9FF



FF7E68

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.



FFCC9A



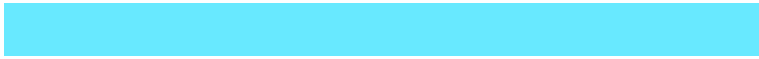
68E9FF



FFBED2

Square

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



68E9FF



E6CCFF



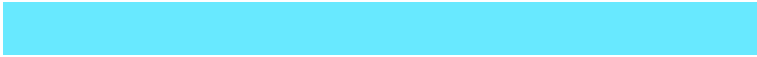
FFC2B1



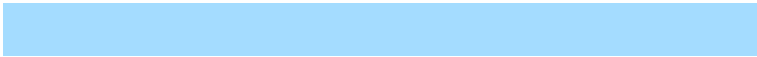
C4E29F

Rectangle

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



68E9FF



A4DCFF



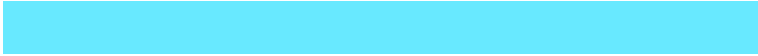
FFC2B1



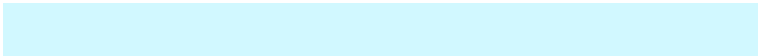
F4D493

Sweetspot

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



68E9FF



D1F8FF



68FF7C



637B80



000000



808080

Same Dimension

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



68E9FF



4AE5FF



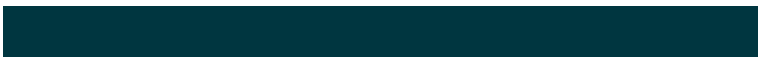
689FFF



737E80



00A3BF



003640

Inverse Universe

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



FF68E9



FF4AE5



FFC868



80737E



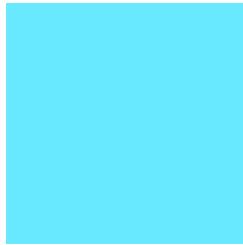
BF00A3



400036

Previews

White Background



This preview shows how the Hex color 68E9FF looks on a white background.

Color Contrast Check

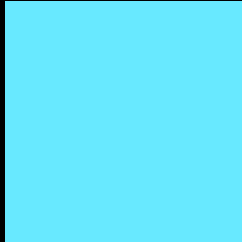
Large Text (above 18pt) WCAG AA × Fail

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 68E9FF 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 68E9FF Background



This preview shows how black text looks on a background with the Hex color 68E9FF.

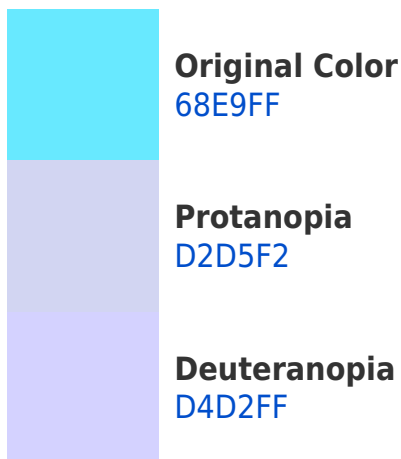


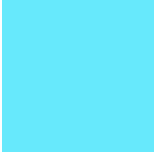
This preview shows how white text looks on a background with the Hex color 68E9FF.

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](#).

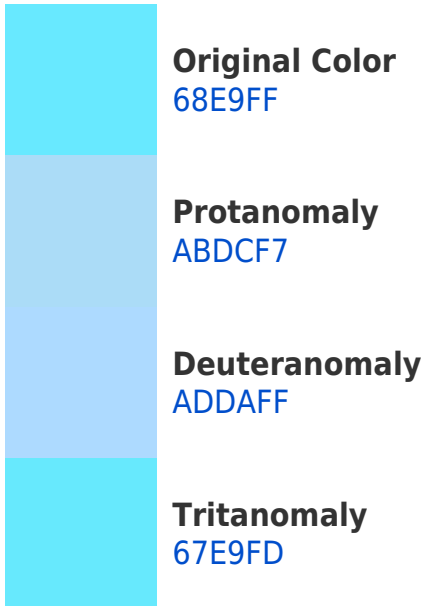
Dichromacy



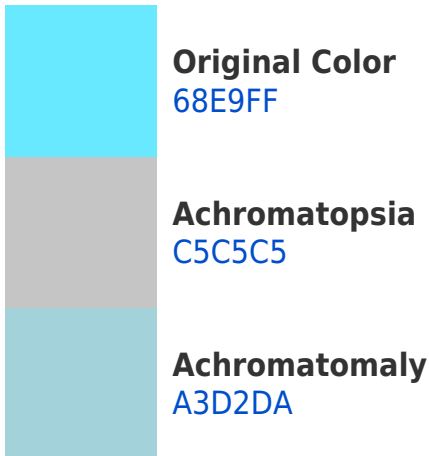


Tritanopia
67E9FC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68E9FF 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 #68E9FF looks like.

```
.text, #text, p{  
    color:#68E9FF  
}
```

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 #68E9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68E9FF
}
```

Border

The CSS property to change the border of an element to Hex 68E9FF 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
#68E9FF }
```

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

```
.border{ border-color:#68E9FF }
```

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

Here you see how a box with a 4 pixel #68E9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68E9FF; -webkit-box-shadow:4px 4px  
4px 4px #68E9FF; box-shadow:4px 4px 4px  
4px #68E9FF }
```

Background

The CSS property to change the background color of an element to Hex 68E9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68E9FF }
```

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

```
.background{ background-color:#68E9FF }
```

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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