

# Converting Colors

Hex(68B8FF)

Have a look what the booklet for  
Hex(68B8FF) contains.

|  |    |
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# **Color**

**Hex(68B8FF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 68B8FF                     |
| RGB         | 104, 184, 255              |
| RGB Percent | 41%, 72%, 100%             |
| CMY         | 0.5922, 0.2784, 0.0000     |
| CMYK        | 0.59, 0.28, 0.00, 0.00     |
| HSL         | 208°, 100%, 70%            |
| HSV         | 208°, 59%, 100%            |
| XYZ         | 40.8994, 44.4440, 101.0307 |
| YIQ         | 168.1740, -70.4710, 5.1210 |

# Conversions

## Conversions Part 2

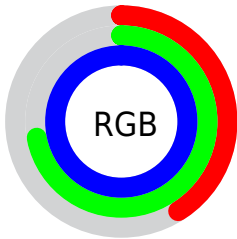
| <b>Format</b>  | <b>Color</b>                                |
|--|---|
| <a href="#">RYB</a>                                  | <a href="#">104, 156, 255</a>               |
| Decimal  | <a href="#">6863103</a>                     |
| <a href="#">CIELab</a>                               | <a href="#">72.52, -4.09, -42.44</a>        |
| <a href="#">CIELCh</a>                               | <a href="#">73, 42.640, 264.498</a>         |
| <a href="#">Yxy</a>                                  | <a href="#">44.4440, 0.2194, 0.2385</a>     |
| <a href="#">Android<br/>(android.graphics.Color)</a> | <a href="#">4285053183<br/>(0xFF68B8FF)</a> |
| <a href="#">YUV</a>                                  | <a href="#">168.1740, 42.8052, -56.2806</a> |
| <a href="#">Hunter-Lab</a>                           | <a href="#">66.6664, -7.1575, -43.1856</a>  |

# Details

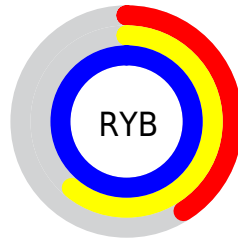
The Hex color **68B8FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFAF68**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A5F0FF**, and **1B83C6** is the 20% darker color. If you saturate the color by 10%, you get **4FACFF**, and if you desaturate by 10%, it is **82C4FF**.

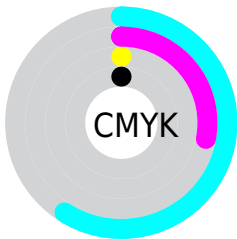
# Distribution



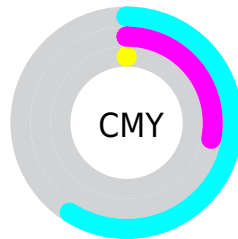
- Red (41%)
- Green (72%)
- Blue (100%)



- Red (41%)
- Yellow (61%)
- Blue (100%)



- Cyan (59%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68B8FF 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 68B8FF by changing the saturation by 10% instead.



 68B8FF

 68B8FF

FFFFFF

 479DE2

 A5F0FF

 1B83C6

 C3FFFF

 006AAA

 E2FFFF

 005290

 003C76

 00275D

 001245

 00032E

 000118

 68B8FF

 68B8FF

 4FACFF

 82C4FF

 35A0FF

 9BD0FF

 1B94FF

 B4DCFF

 0288FF

 CEE8FF

 0087FF

 E8F4FF

FFFFFF

# Harmonies

## Analogous

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



00C1F0



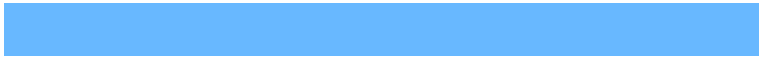
68B8FF



ABAAF9

# Triad

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



68B8FF



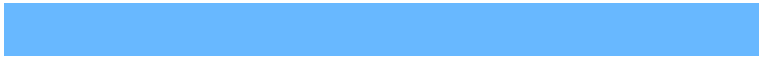
FD9594



7CC283

# Complementary

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



68B8FF



FFAF68

# 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.



AAB969



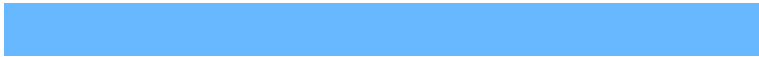
68B8FF



EE9F74

# Square

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



68B8FF



F793BB



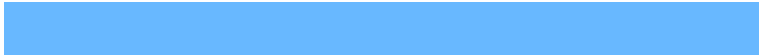
D1AD63



43C6A9

# Rectangle

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



68B8FF



CEA1EA



D1AD63

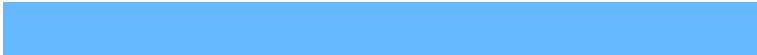


8DBF79

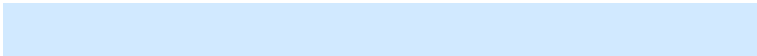


# Sweetspot

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



68B8FF



D1E9FF



68FFAE



637280



000000



808080



# Same Dimension

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



68B8FF



4AAAFF



686DFF



737A80



0065BF



002240



# Inverse Universe

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



FF68B8



FF4AAA



FFFA68



80737A



BF0065

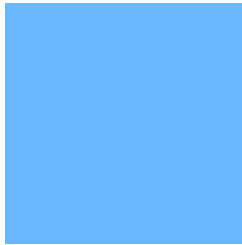


400022



# Previews

## White Background



This preview shows how the Hex color 68B8FF looks on a white background.

## Color Contrast Check

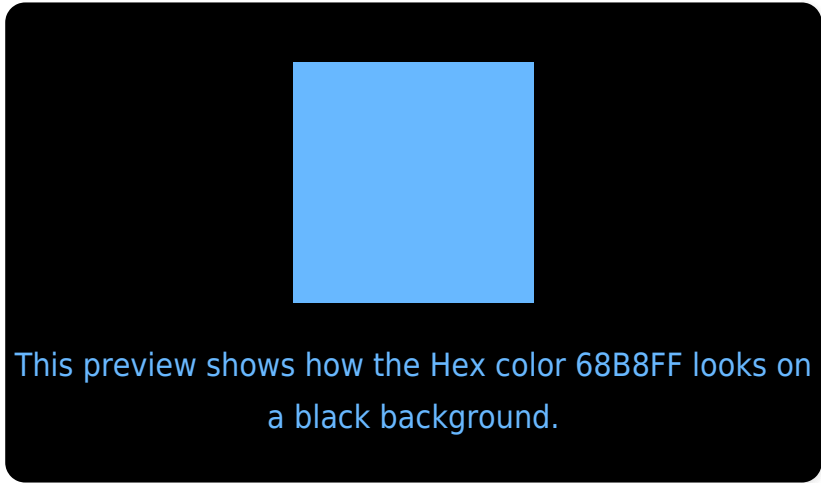
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

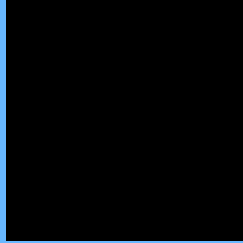
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

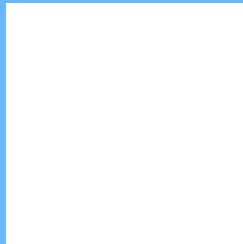
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 68B8FF Background



This preview shows how black text looks on a background with the Hex color 68B8FF.

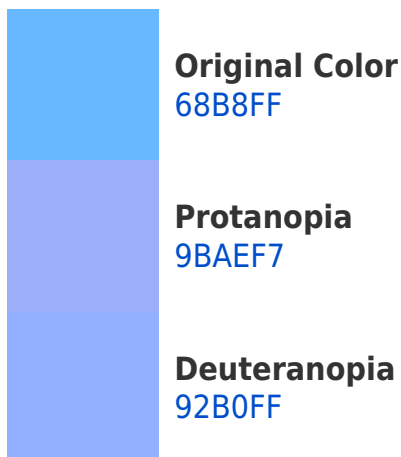


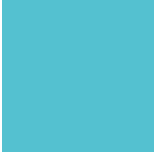
This preview shows how white text looks on a background with the Hex color 68B8FF.

# 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](#).

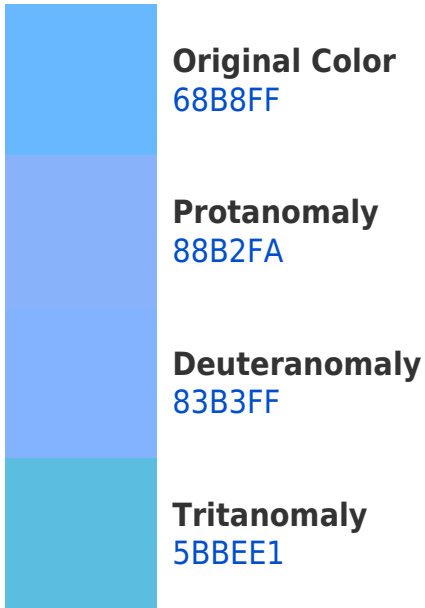
## Dichromacy



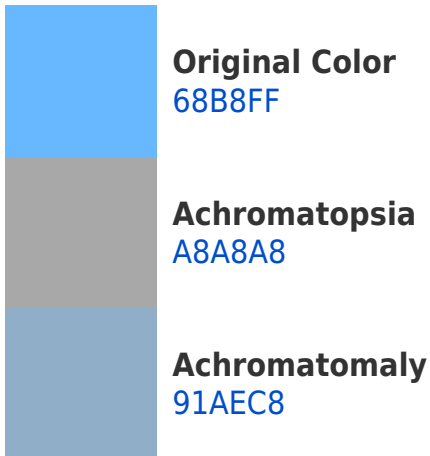


**Tritanopia**  
54C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68B8FF 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 #68B8FF looks like.

```
.text, #text, p{  
    color:#68B8FF  
}
```

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 #68B8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B8FF  
}
```

## Border

The CSS property to change the border of an element to Hex 68B8FF 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  
#68B8FF }
```

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

```
.border{ border-color:#68B8FF }
```

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

Here you see how a box with a 4 pixel #68B8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B8FF; -webkit-box-shadow:4px 4px  
4px 4px #68B8FF; box-shadow:4px 4px 4px  
4px #68B8FF }
```

# Background

The CSS property to change the background color of an element to Hex 68B8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B8FF }
```

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

```
.background{ background-color:#68B8FF }
```

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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