

Converting Colors

Hex(68A3FF)

Have a look what the booklet for
Hex(68A3FF) contains.

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Color

Hex(68A3FF)

Conversions

Conversions Part 1

Format	Color
Hex	68A3FF
RGB	104, 163, 255
RGB Percent	41%, 64%, 100%
CMY	0.5922, 0.3608, 0.0000
CMYK	0.59, 0.36, 0.00, 0.00
HSL	217°, 100%, 70%
HSV	217°, 59%, 100%
XYZ	36.8561, 36.3574, 99.6829
YIQ	155.8470, -64.6960, 16.1040

Conversions

Conversions Part 2

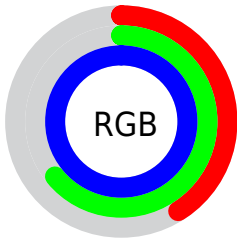
Format	Color
RYB	104, 146, 255
Decimal	6857727
CIELab	66.79, 7.75, -51.46
CIElCh	67, 52.035, 278.561
Yxy	36.3574, 0.2132, 0.2103
Android (android.graphics.Color)	4285047807 (0xFF68A3FF)
YUV	155.8470, 48.8824, -45.4698
Hunter-Lab	60.2971, 3.5866, -55.8099

Details

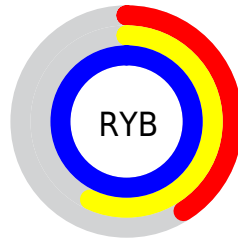
The Hex color **68A3FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFC468**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A5DAFF**, and **1C70C6** is the 20% darker color. If you saturate the color by 10%, you get **4F93FF**, and if you desaturate by 10%, it is **82B3FF**.

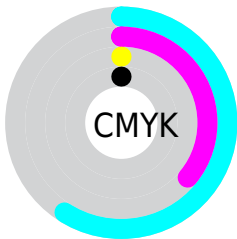
Distribution



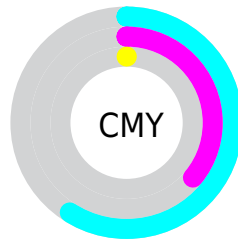
- Red (41%)
- Green (64%)
- Blue (100%)



- Red (41%)
- Yellow (57%)
- Blue (100%)



- Cyan (59%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A3FF 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 68A3FF by changing the saturation by 10% instead.

 68A3FF

 68A3FF

FFFFFF

 4789E2

 A5DAFF

 1C70C6

 C3F6FF

 0058AA

 E1FFFF

 00418F

 002C75

 00195C

 000744

 00032C

 000117

■ 68A3FF

■ 68A3FF

■ 4F93FF

■ 82B3FF

■ 3584FF

■ 9BC2FF

■ 1B74FF

■ B4D2FF

■ 0265FF

■ CEE1FF

■ 0064FF

■ E8F1FF

FFFFFF

Harmonies

Analogous

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



00B1F9



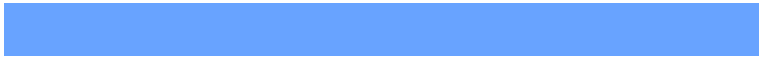
68A3FF



B791EC

Triad

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



68A3FF



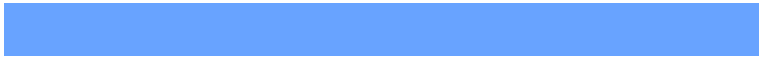
F3836A



35B87F

Complementary

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



68A3FF



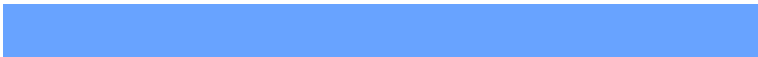
FFC468

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.



7EB056



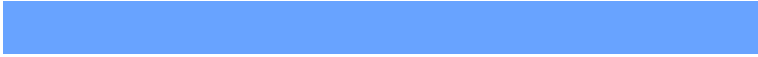
68A3FF



D9944A

Square

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



68A3FF



F97A97



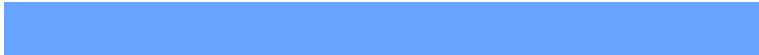
B1A441



00BAAF

Rectangle

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



68A3FF



DA85D4



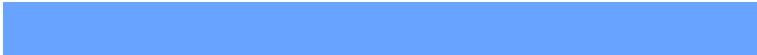
B1A441



54B670

Sweetspot

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



68A3FF



D1E3FF



68FFC3



636E80



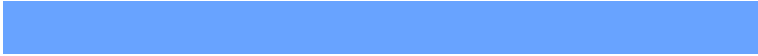
000000



808080

Same Dimension

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



68A3FF



4A91FF



7768FF



737880



004BBF



001940

Inverse Universe

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



FF68A3



FF4A91



F0FF68



807378



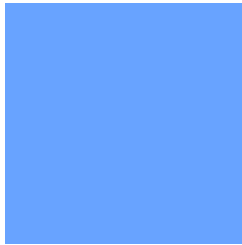
BF004B



400019

Previews

White Background



This preview shows how the Hex color 68A3FF looks on a white background.

Color Contrast Check

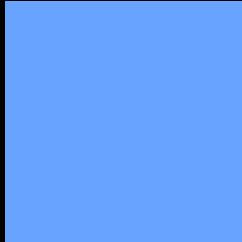
Large Text (above 18pt) WCAG AA × Fail

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 68A3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

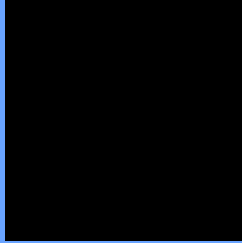
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

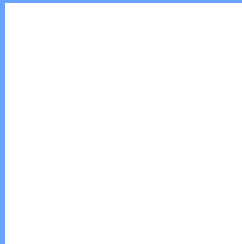
Any Text WCAG AAA ✓ Pass

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

Hex 68A3FF Background



This preview shows how black text looks on a background with the Hex color 68A3FF.

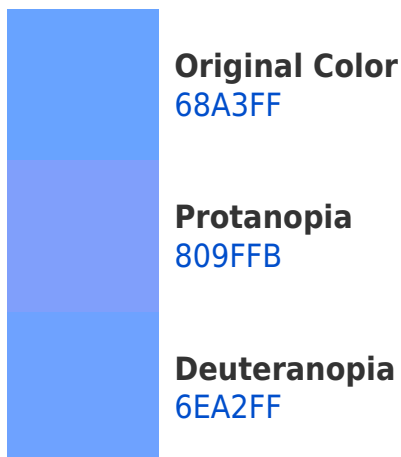


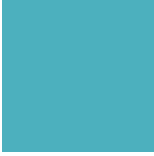
This preview shows how white text looks on a background with the Hex color 68A3FF.

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](#).

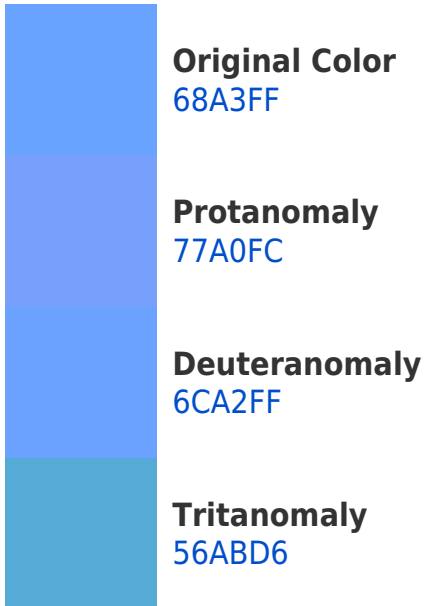
Dichromacy



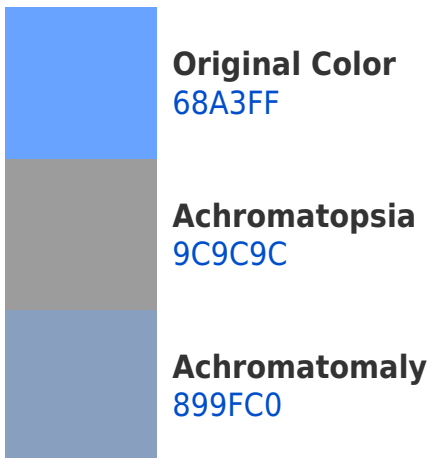


Tritanopia
4CBOBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A3FF 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 #68A3FF looks like.

```
.text, #text, p{  
    color:#68A3FF  
}
```

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 #68A3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A3FF
}
```

Border

The CSS property to change the border of an element to Hex 68A3FF 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
#68A3FF }
```

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

```
.border{ border-color:#68A3FF }
```

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

Here you see how a box with a 4 pixel #68A3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A3FF; -webkit-box-shadow:4px 4px  
4px 4px #68A3FF; box-shadow:4px 4px 4px  
4px #68A3FF }
```

Background

The CSS property to change the background color of an element to Hex 68A3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A3FF }
```

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

```
.background{ background-color:#68A3FF }
```

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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