

Converting Colors

Hex(68A1FF)

Have a look what the booklet for
Hex(68A1FF) contains.

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Color

Hex(68A1FF)

Conversions

Conversions Part 1

Format	Color
Hex	68A1FF
RGB	104, 161, 255
RGB Percent	41%, 63%, 100%
CMY	0.5922, 0.3686, 0.0000
CMYK	0.59, 0.37, 0.00, 0.00
HSL	217°, 100%, 70%
HSV	217°, 59%, 100%
XYZ	36.5038, 35.6528, 99.5655
YIQ	154.6730, -64.1460, 17.1500

Conversions

Conversions Part 2

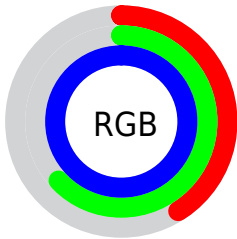
Format	Color
RYB	104, 145, 255
Decimal	6857215
CIELab	66.25, 8.90, -52.31
CIELCh	66, 53.059, 279.657
Yxy	35.6528, 0.2126, 0.2076
Android (android.graphics.Color)	4285047295 (0xFF68A1FF)
YUV	154.6730, 49.4612, -44.4402
Hunter-Lab	59.7100, 4.6339, -57.0682

Details

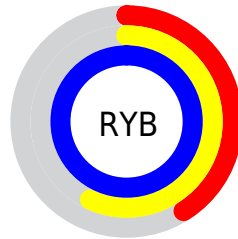
The Hex color **68A1FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFC668**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A5D7FF**, and **1C6EC6** is the 20% darker color. If you saturate the color by 10%, you get **4F91FF**, and if you desaturate by 10%, it is **82B1FF**.

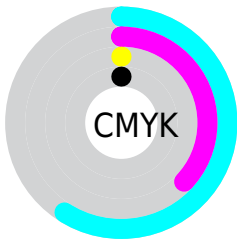
Distribution



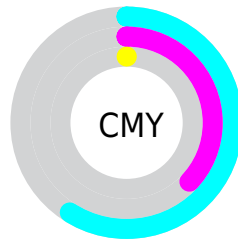
- Red (41%)
- Green (63%)
- Blue (100%)



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



- Cyan (59%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A1FF 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 68A1FF by changing the saturation by 10% instead.

 68A1FF

 68A1FF

FFFFFF

 4787E2

 A5D7FF

 1C6EC6

 C3F4FF

 0056AA

 E1FFFF

 003F8F

 002A75

 00175C

 000744

 00032C

 000117

■ 68A1FF

■ 68A1FF

■ 4F91FF

■ 82B1FF

■ 3581FF

■ 9BC1FF

■ 1B71FF

■ B4D1FF

■ 0262FF

■ CEE0FF

■ 0060FF

■ E8F0FF

FFFFFF

Harmonies

Analogous

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



00AFFA



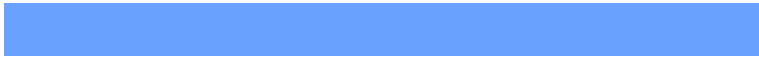
68A1FF



B88EEB

Triad

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



68A1FF



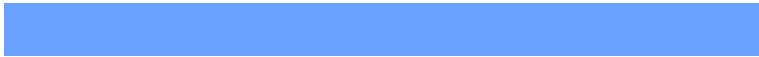
F28167



29B77E

Complementary

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



68A1FF



FFC668

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.



7AB054



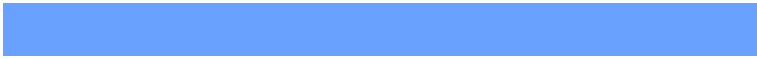
68A1FF



D79346

Square

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



68A1FF



FA7793



AEA33E



00B9B0

Rectangle

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



68A1FF



DB82D2



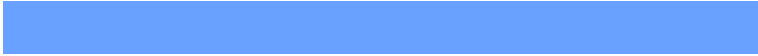
AEA33E



4DB56F

Sweetspot

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



68A1FF



D1E2FF



68FFC5



636E80



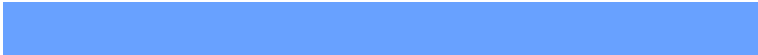
000000



808080

Same Dimension

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



68A1FF



4A8EFF



7A68FF



737880



0048BF



001840

Inverse Universe

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



FF68A1



FF4A8E



EDFF68



807378



BF0048



400018

Previews

White Background



This preview shows how the Hex color 68A1FF looks on a white background.

Color Contrast Check

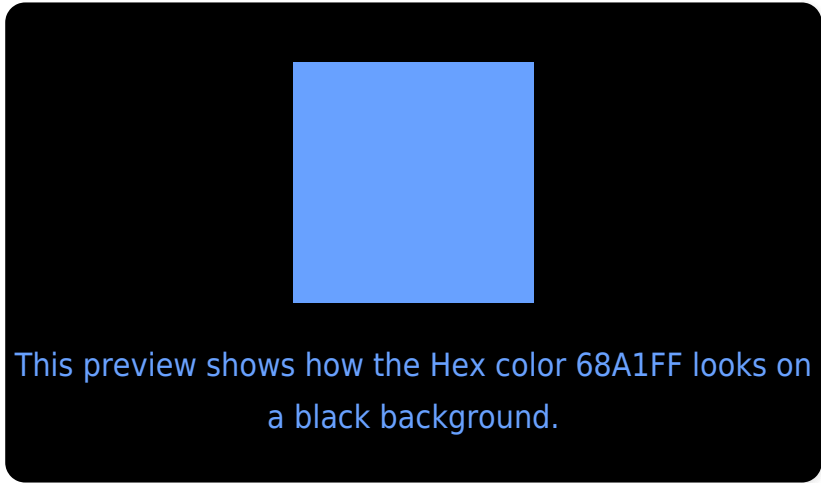
Large Text (above 18pt) WCAG AA × Fail

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

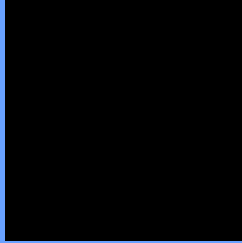
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

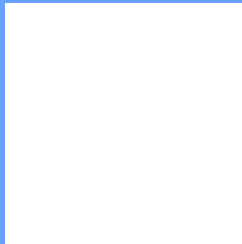
Any Text WCAG AAA ✓ Pass

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

Hex 68A1FF Background



This preview shows how black text looks on a background with the Hex color 68A1FF.



This preview shows how white text looks on a background with the Hex color 68A1FF.

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](#).

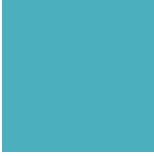
Dichromacy



Original Color
68A1FF

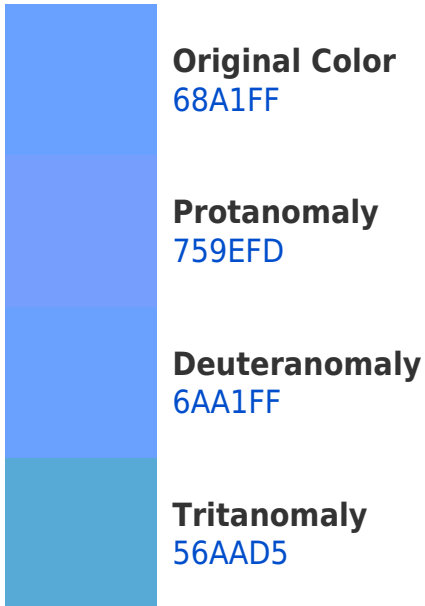
Protanopia
7D9DFC

Deuteranopia
6BA1FF



Tritanopia
4BAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A1FF 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 #68A1FF looks like.

```
.text, #text, p{  
    color:#68A1FF  
}
```

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 #68A1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A1FF
}
```

Border

The CSS property to change the border of an element to Hex 68A1FF 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
#68A1FF }
```

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

```
.border{ border-color:#68A1FF }
```

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

Here you see how a box with a 4 pixel #68A1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A1FF; -webkit-box-shadow:4px 4px  
4px 4px #68A1FF; box-shadow:4px 4px 4px  
4px #68A1FF }
```

Background

The CSS property to change the background color of an element to Hex 68A1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A1FF }
```

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

```
.background{ background-color:#68A1FF }
```

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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