

Converting Colors

Hex(0868FF)

Have a look what the booklet for
Hex(0868FF) contains.

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Color

Hex(0868FF)

Conversions

Conversions Part 1

Format	Color
Hex	0868FF
RGB	8, 104, 255
RGB Percent	3%, 41%, 100%
CMY	0.9686, 0.5922, 0.0000
CMYK	0.97, 0.59, 0.00, 0.00
HSL	217°, 100%, 52%
HSV	217°, 97%, 100%
XYZ	23.1005, 17.1723, 96.7048
YIQ	92.5100, -105.6870, 26.6090

Conversions

Conversions Part 2

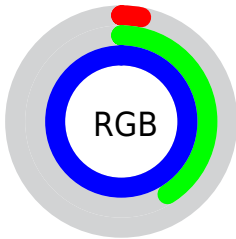
Format	Color
R_{YB}	8, 77, 255
Decimal	551167
CIE _{Lab}	48.48, 34.12, -81.08
CIE _{LCh}	48, 87.966, 292.819
Yxy	17.1723, 0.1686, 0.1254
Android (android.graphics.Color)	4278741247 (0xFF0868FF)
YUV	92.5100, 80.1076, -74.1153
Hunter-Lab	41.4394, 26.9861, -109.3541

Details

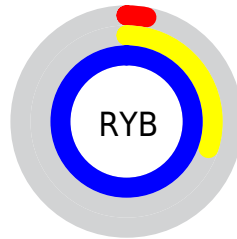
The Hex color **0868FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FF9F08**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **739AFF**, and **003BC5** is the 20% darker color. If you saturate the color by 10%, you get **0063FF**, and if you desaturate by 10%, it is **2178FF**.

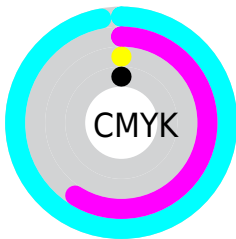
Distribution



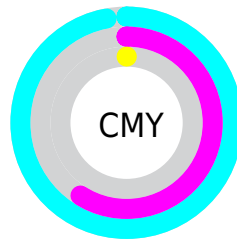
- Red (3%)
- Green (41%)
- Blue (100%)



- Red (3%)
- Yellow (30%)
- Blue (100%)



- Cyan (97%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0868FF 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 0868FF by changing the saturation by 10% instead.

 0868FF

 0868FF

FFFFFF

 0051E2

 739AFF

 003BC5

 95B5FF

 0027A9

 B6D0FF

 00168E

 D6EDFF

 000173

 F6FFFF

 000D59

 000741

 00032A

 000114

 0868FF

 0868FF

 0063FF

 2178FF

 3B87FF

 5597FF

 6EA6FF

 88B6FF

 A1C6FF

 BBD5FF

 D4E5FF

 EE4FF

Harmonies

Analogous

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



0083FF



0868FF



B736CF

Triad

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



0868FF



CF4200



008F5E

Complementary

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



0868FF



FF9F08

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.



008B00



0868FF



9C6A00

Square

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



0868FF



ED003F



568000



0091AB

Rectangle

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



0868FF



DE00A1



568000



008E44

Sweetspot

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



0868FF



B5D2FF



08FF9C



536480



000000



808080

Same Dimension

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



0868FF



0063FF



2108FF



737880



004ABF



001940

Inverse Universe

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



FF0868



FF0063



E6FF08



807378



BF004A



400019

Previews

White Background



This preview shows how the Hex color 0868FF looks on a white background.

Color Contrast Check

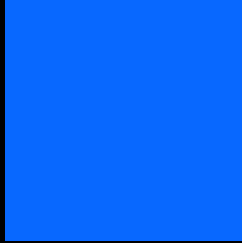
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0868FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

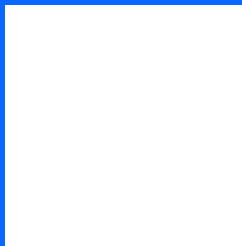
Any Text WCAG AAA × Fail

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

Hex 0868FF Background



This preview shows how black text looks on a background with the Hex color 0868FF.



This preview shows how white text looks on a background with the Hex color 0868FF.

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](#).

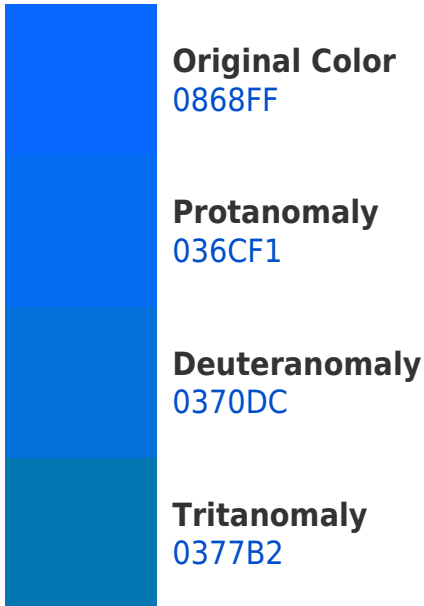
Dichromacy





Tritanopia
007F86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0868FF 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 #0868FF looks like.

```
.text, #text, p{  
    color:#0868FF  
}
```

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 #0868FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0868FF
}
```

Border

The CSS property to change the border of an element to Hex 0868FF 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
#0868FF }
```

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

```
.border{ border-color:#0868FF }
```

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

Here you see how a box with a 4 pixel #0868FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0868FF; -webkit-box-shadow:4px 4px  
4px 4px #0868FF; box-shadow:4px 4px 4px  
4px #0868FF }
```

Background

The CSS property to change the background color of an element to Hex 0868FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0868FF }
```

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

```
.background{ background-color:#0868FF }
```

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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