

Converting Colors

Hex(0088FB)

Have a look what the booklet for
Hex(0088FB) contains.

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Color

Hex(0088FB)

Conversions

Conversions Part 1

Format	Color
Hex	0088FB
RGB	0, 136, 251
RGB Percent	0%, 53%, 98%
CMY	1.0000, 0.4667, 0.0157
CMYK	1.00, 0.46, 0.00, 0.02
HSL	207°, 100%, 49%
HSV	207°, 100%, 98%
XYZ	26.2167, 24.5734, 94.6281
YIQ	108.4460, -117.9710, 6.9330

Conversions

Conversions Part 2

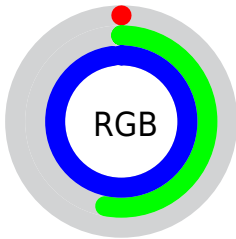
Format	Color
R _Y B	0, 88, 251
Decimal	35067
CIE Lab	56.66, 12.30, -65.59
CIE LCh	57, 66.732, 280.618
Yxy	24.5734, 0.1803, 0.1690
Android (android.graphics.Color)	4278225147 (0xFF0088FB)
YUV	108.4460, 70.2791, -95.1071
Hunter-Lab	49.5715, 7.6526, -78.4799

Details

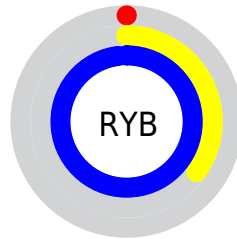
The Hex color **0088FB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **FB7300**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6FBDFE**, and **0057C2** is the 20% darker color. If you saturate the color by 10%, you get **0088FB**, and if you desaturate by 10%, it is **1993FB**.

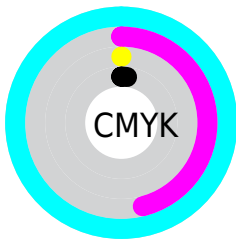
Distribution



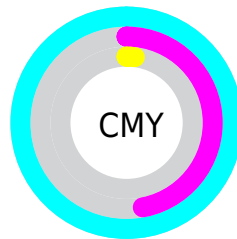
- Red (0%)
- Green (53%)
- Blue (98%)



- Red (0%)
- Yellow (35%)
- Blue (98%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (47%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0088FB 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 0088FB by changing the saturation by 10% instead.

 0088FB


 0088FB

FFFFFF

 006FDE

 6FBDFE

 0057C2

 91D8FF

 0041A6

 B2F4FF

 002C8B

 D1FFFF

 001A71

 F1FFFF

 000C57

 00063F

 000328

 000112

 0088FB

 1993FB

 329FFB

 4BAAF8

 64B6FB

 7EC1FB

 97CDFB

 B0D8FB

 C9E4FB

 E2EFFB

Harmonies

Analogous

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



0099F6



0088FB



A46FE1

Triad

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



0088FB



E35D3F



00A05F

Complementary

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



0088FB



FB7300

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.



4F9924



0088FB



C17702

Square

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



0088FB



EF4A76



908C00



00A39C

Rectangle

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



0088FB



CE5CC2



908C00



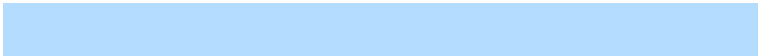
009E4B

Sweetspot

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



0088FB



B3DCFF



00FB71



526A80



000000



808080

Same Dimension

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



0088FB



008AFF



000DFB



70777D



0066BD



00213D

Inverse Universe

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



FB0088



FF008A



FBEE00



7D7077



BD0066



3D0021

Previews

White Background



This preview shows how the Hex color 0088FB looks on a white background.

Color Contrast Check

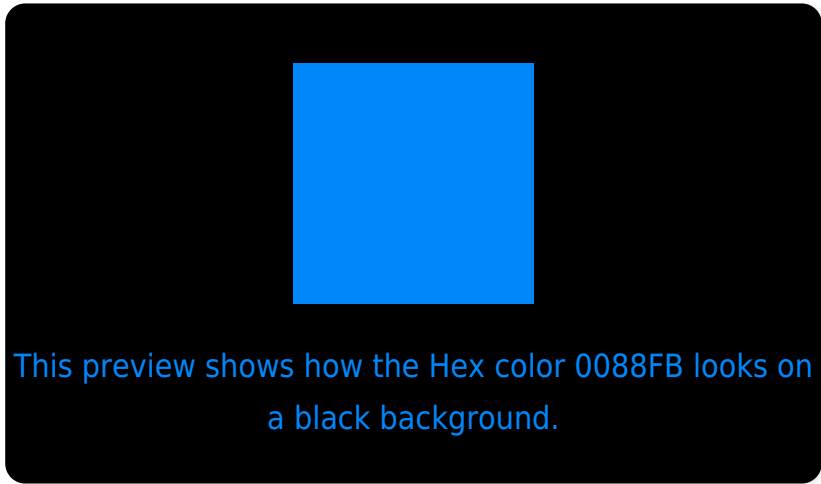
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

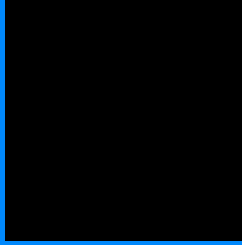
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

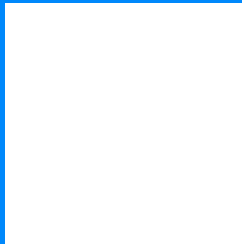
Any Text WCAG AAA × Fail

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

Hex 0088FB Background



This preview shows how black text looks on a background with the Hex color 0088FB.



This preview shows how white text looks on a background with the Hex color 0088FB.

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
0088FB

Protanopia
4E83F6

Deuteranopia
008AF3



Tritanopia
0096A0

Trichromacy



Original Color
0088FB

Protanomaly
3285F8

Deuteranomaly
0089F6

Tritanomaly
0091C1

Monochromacy



Original Color
0088FB

Achromatopsia
6C6C6C

Achromatomaly
4576A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 0088FB 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 #0088FB looks like.

```
.text, #text, p{  
    color:#0088FB  
}
```

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 #0088FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0088FB
}
```

Border

The CSS property to change the border of an element to Hex 0088FB 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
#0088FB }
```

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

```
.border{ border-color:#0088FB }
```

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

Here you see how a box with a 4 pixel #0088FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0088FB; -webkit-box-shadow:4px 4px  
4px 4px #0088FB; box-shadow:4px 4px 4px  
4px #0088FB }
```

Background

The CSS property to change the background color of an element to Hex 0088FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0088FB }
```

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

```
.background{ background-color:#0088FB }
```

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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