

Converting Colors

Hex(008EFB)

Have a look what the booklet for
Hex(008EFB) contains.

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Color

Hex(008EFB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 008EFB |
| RGB | 0, 142, 251 |
| RGB Percent | 0%, 56%, 98% |
| CMY | 1.0000, 0.4431, 0.0157 |
| CMYK | 1.00, 0.43, 0.00, 0.02 |
| HSL | 206°, 100%, 49% |
| HSV | 206°, 100%, 98% |
| XYZ | 27.0856, 26.3110, 94.9178 |
| YIQ | 111.9680, -119.6210, 3.7950 |

Conversions

Conversions Part 2

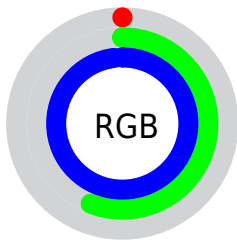
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 0, 91, 251 |
| Decimal | 36603 |
| CIE _{Lab} | 58.33, 8.64, -62.90 |
| CIE _{LCh} | 58, 63.489, 277.820 |
| Yxy | 26.3110, 0.1826, 0.1774 |
| Android (android.graphics.Color) | 4278226683 (0xFF008EFB) |
| YUV | 111.9680, 68.5428, -98.1959 |
| Hunter-Lab | 51.2943, 4.4907, -73.8075 |

Details

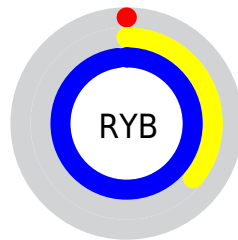
The Hex color **008EFB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **FB6D00**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6FC3FF**, and **005DC2** is the 20% darker color. If you saturate the color by 10%, you get **008EFB**, and if you desaturate by 10%, it is **1999FB**.

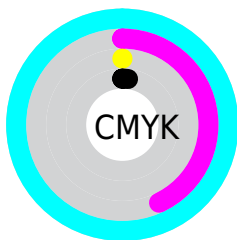
Distribution



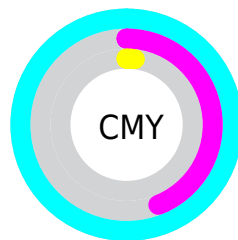
- Red (0%)
- Green (56%)
- Blue (98%)



- Red (0%)
- Yellow (36%)
- Blue (98%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008EFB 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 008EFB by changing the saturation by 10% instead.

 008EFB

 008EFB

FFFFFF

 0075DE

 6FC3FF

 005DC2

 91DFFF

 0046A6

 B1FBFF

 00318B

 D1FFFF

 001E71

 F1FFFF

 000B58

 00063F

 000328

 000112

 008EFB

 1999FB

 32A4FB

 4BAFFB

 64BAFB

 7EC4FB

 97CFFB

 B0DAFB

 C9E5FB

 E2F0FB

Harmonies

Analogous

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



009DF3



008EFB



A177E5

Triad

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



008EFB



E7624B



00A360

Complementary

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



008EFB



FB6D00

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.



5E9C2B



008EFB



C87A1C

Square

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



008EFB



EF5480



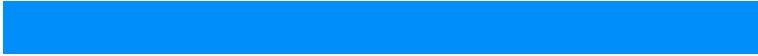
9A8E00



00A69A

Rectangle

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



008EFB



CB66C8



9A8E00



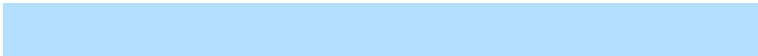
11A14D

Sweetspot

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



008EFB



B3DEFF



00FB6D



526C80



000000



808080

Same Dimension

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



008EFB



0090FF



0011FB



70787D



006BBD



00233D

Inverse Universe

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



FB008E



FF0090



FBEA00



7D7078



BD006B



3D0023

Previews

White Background



This preview shows how the Hex color 008EFB looks on a white background.

Color Contrast Check

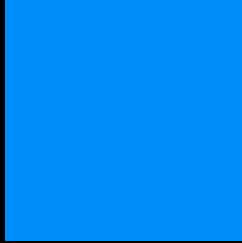
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 008EFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

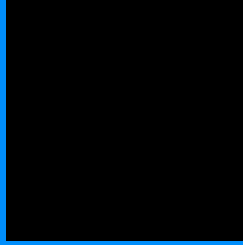
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

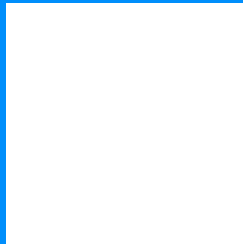
Any Text WCAG AAA × Fail

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

Hex 008EFB Background



This preview shows how black text looks on a background with the Hex color 008EFB.



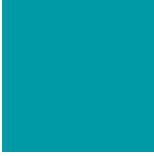
This preview shows how white text looks on a background with the Hex color 008EFB.

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](#).

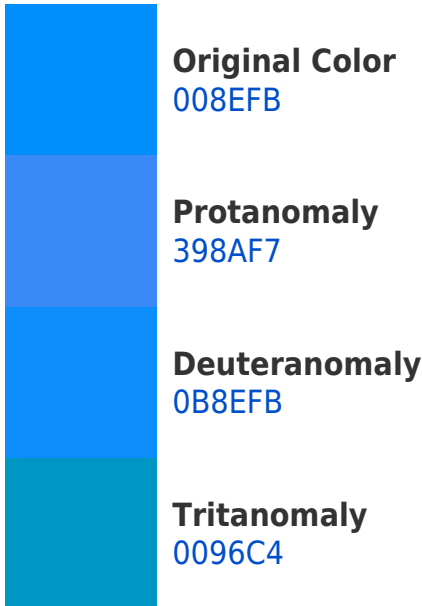
Dichromacy





Tritanopia
009BA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 008EFB 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 #008EFB looks like.

```
.text, #text, p{  
  color:#008EFB  
}
```

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 #008EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008EFB
}
```

Border

The CSS property to change the border of an element to Hex 008EFB 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
#008EFB }
```

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

```
.border{ border-color:#008EFB }
```

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

Here you see how a box with a 4 pixel #008EFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008EFB; -webkit-box-shadow:4px 4px  
4px 4px #008EFB; box-shadow:4px 4px 4px  
4px #008EFB }
```

Background

The CSS property to change the background color of an element to Hex 008EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008EFB }
```

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

```
.background{ background-color:#008EFB }
```

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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