

Converting Colors

Hex(009EFB)

Have a look what the booklet for
Hex(009EFB) contains.

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Color

Hex(009EFB)

Conversions

Conversions Part 1

Format	Color
Hex	009EFB
RGB	0, 158, 251
RGB Percent	0%, 62%, 98%
CMY	1.0000, 0.3804, 0.0157
CMYK	1.00, 0.37, 0.00, 0.02
HSL	202°, 100%, 49%
HSV	202°, 100%, 98%
XYZ	29.6394, 31.4188, 95.7690
YIQ	121.3600, -124.0210, -4.5730

Conversions

Conversions Part 2

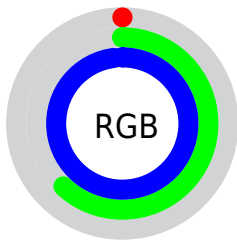
Format	Color
RYB	0, 97, 251
Decimal	40699
CIELab	62.86, -0.85, -55.66
CIELCh	63, 55.667, 269.126
Yxy	31.4188, 0.1890, 0.2003
Android (android.graphics.Color)	4278230779 (0xFF009EFB)
YUV	121.3600, 63.9125, -106.4327
Hunter-Lab	56.0524, -3.7044, -62.0639

Details

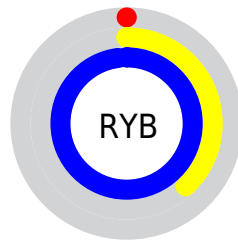
The Hex color **009EFB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FB5D00**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6FD4FF**, and **006BC2** is the 20% darker color. If you saturate the color by 10%, you get **009EFB**, and if you desaturate by 10%, it is **19A7FB**.

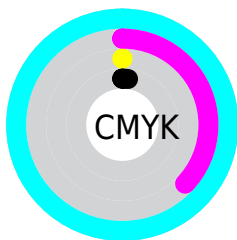
Distribution



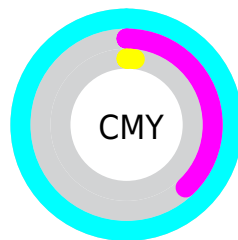
- Red (0%)
- Green (62%)
- Blue (98%)



- Red (0%)
- Yellow (38%)
- Blue (98%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009EFB 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 009EFB by changing the saturation by 10% instead.

 009EFB

 009EFB

FFFFFF

 0084DE

 6FD4FF

 006BC2

 91F0FF

 0054A6

 B2FFFF

 003D8B

 D1FFFF

 002871

 F1FFFF

 001458

 000740

 000329

 000113

 009EFB

 19A7FB

 32B1FB

 4BBAFB

 64C3FB

 7ECDFB

 97D6FB

 B0DFFB

 C9E8FB

 E2F2FB

Harmonies

Analogous

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



00AAEC



009EFB



978CEF

Triad

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



009EFB



F0716B



3DAC63

Complementary

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



009EFB



FB5D00

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.



83A33C



009EFB



DA8243

Square

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



009EFB



F06B9C



B4952E



00B095

Rectangle

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



009EFB



C37ED9



B4952E



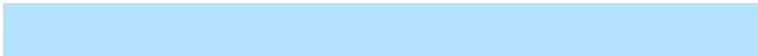
59AA54

Sweetspot

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



009EFB



B3E3FF



00FB5C



526E80



000000



808080

Same Dimension

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



009EFB



00A1FF



0021FB



70787D



0077BD



00273D

Inverse Universe

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



FB009E



FF00A1



FBDA00



7D7078



BD0077



3D0027

Previews

White Background



This preview shows how the Hex color 009EFB looks on a white background.

Color Contrast Check

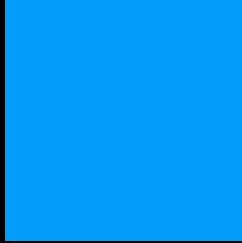
Large Text (above 18pt) WCAG AA × Fail

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 009EFB 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

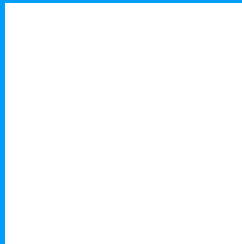
Any Text WCAG AAA ✓ Pass

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

Hex 009EFB Background



This preview shows how black text looks on a background with the Hex color 009EFB.

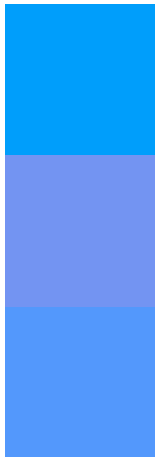


This preview shows how white text looks on a background with the Hex color 009EFB.

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](#).

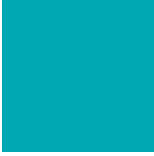
Dichromacy



Original Color
009EFB

Protanopia
7394F2

Deuteranopia
5398FC



Tritanopia
00A8B4

Trichromacy



Original Color
009EFB

Protanomaly
4998F5

Deuteranomaly
359AFC

Tritanomaly
00A4CE

Monochromacy



Original Color
009EFB

Achromatopsia
797979

Achromatomaly
4D86A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 009EFB 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 #009EFB looks like.

```
.text, #text, p{  
    color:#009EFB  
}
```

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 #009EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009EFB
}
```

Border

The CSS property to change the border of an element to Hex 009EFB 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
#009EFB }
```

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

```
.border{ border-color:#009EFB }
```

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

Here you see how a box with a 4 pixel #009EFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009EFB; -webkit-box-shadow:4px 4px  
4px 4px #009EFB; box-shadow:4px 4px 4px  
4px #009EFB }
```

Background

The CSS property to change the background color of an element to Hex 009EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009EFB }
```

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

```
.background{ background-color:#009EFB }
```

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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