

# Converting Colors

Hex(009EFE)

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

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# **Color**

**Hex(009EFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009EFE
RGB	0, 158, 254
RGB Percent	0%, 62%, 100%
CMY	1.0000, 0.3804, 0.0039
CMYK	1.00, 0.38, 0.00, 0.00
HSL	203°, 100%, 50%
HSV	203°, 100%, 100%
XYZ	30.1163, 31.6095, 98.2799
YIQ	121.7020, -124.9840, -3.6400

# Conversions

## Conversions Part 2

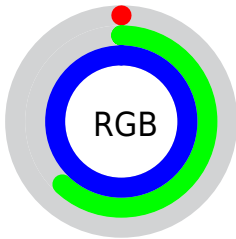
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 97, 254</a>
Decimal	<a href="#">40702</a>
CIELab	<a href="#">63.02, 0.27, -57.05</a>
CIElCh	<a href="#">63, 57.046, 270.275</a>
Yxy	<a href="#">31.6095, 0.1882, 0.1976</a>
Android (android.graphics.Color)	<a href="#">4278230782 (0xFF009EFE)</a>
YUV	<a href="#">121.7020, 65.2229, -106.7327</a>
Hunter-Lab	<a href="#">56.2223, -2.7731, -64.2868</a>

# Details

The Hex color **009EFE** 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 **FE6000**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **70D4FF**, and **006BC5** is the 20% darker color. If you saturate the color by 10%, you get **009EFE**, and if you desaturate by 10%, it is **19A8FE**.

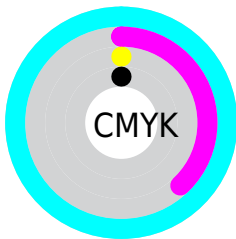
# Distribution



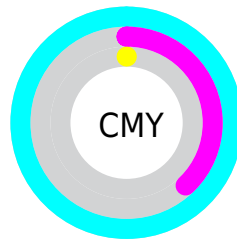
- Red (0%)
- Green (62%)
- Blue (100%)



- Red (0%)
- Yellow (38%)
- Blue (100%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)




- Cyan (100%)
- Magenta (38%)
- Yellow (0%)


# Brightness & Saturation Gradients

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



 009EFE

 009EFE


FFFFFF

 0084E1

 70D4FF

 006BC5

 92F0FF

 0054A9

 B2FFFF

 003D8E

 D2FFFF

 002974

 F2FFFF

 00145B

 000742

 00032B

 000116

 009EFE

 19A8FE

 33B1FE

 4CBBFE

 66C4FE

 7FCEFE

 98D8FE

 B2E1FE

 CBEBFE

 E5F4FE

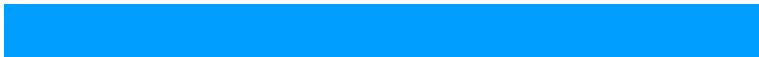
# Harmonies

## Analogous

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



00ABF0



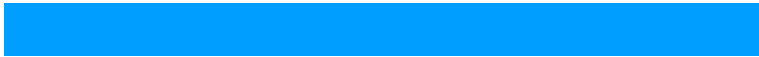
009EFE



9A8BF0

# Triad

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



009EFE



F27068



36AD64

# Complementary

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



009EFE



FE6000

# 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.



80A43A



009EFE



DB8340

# Square

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



009EFE



F36A9A



B3962B



00B197

# Rectangle

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



009EFE



C67DDA



B3962B



55AB54

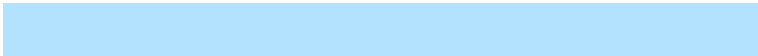


# Sweetspot

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



009EFE



B3E2FF



00FE5D



526E80



000000



808080

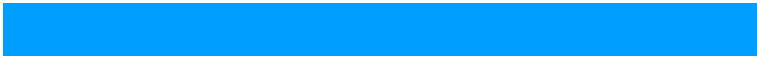


# Same Dimension

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



009EFE



009FFF



0022FE



737B80



0077BF



002840



# Inverse Universe

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



FE009E



FF009F



FEDC00



80737B



BF0077



400028



# Previews

## White Background



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

## Color Contrast Check

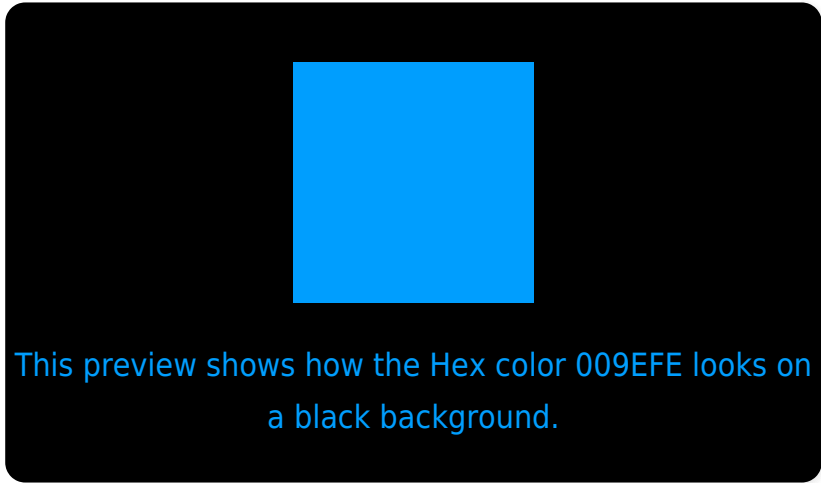
Large Text (above 18pt) WCAG AA × Fail

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

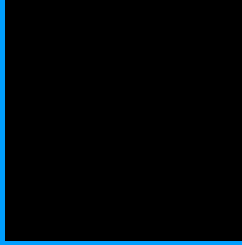
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

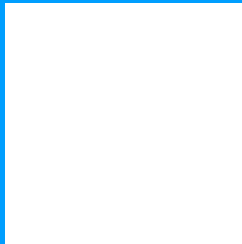
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 009EFE Background



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



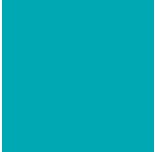
This preview shows how white text looks on a background with the Hex color 009EFE.

# 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**  
00A8B4

# Trichromacy



**Original Color**  
009EFE



**Protanomaly**  
4998F8



**Deuteranomaly**  
329BFF



**Tritanomaly**  
00A4CF

# Monochromacy



**Original Color**  
009EFE



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
4E87AA

# CSS Examples

## Text

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

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

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 #009EFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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