

Converting Colors

Hex(009EF9)

Have a look what the booklet for
Hex(009EF9) contains.

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Color

Hex(009EF9)

Conversions

Conversions Part 1

Format	Color
Hex	009EF9
RGB	0, 158, 249
RGB Percent	0%, 62%, 98%
CMY	1.0000, 0.3804, 0.0235
CMYK	1.00, 0.37, 0.00, 0.02
HSL	202°, 100%, 49%
HSV	202°, 100%, 98%
XYZ	29.3257, 31.2933, 94.1171
YIQ	121.1320, -123.3790, -5.1950

Conversions

Conversions Part 2

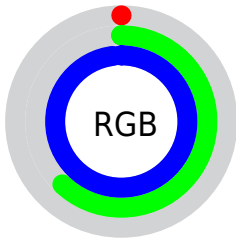
Format	Color
RYB	0, 97, 249
Decimal	40697
CIELab	62.75, -1.60, -54.73
CIELCh	63, 54.756, 268.330
Yxy	31.2933, 0.1895, 0.2022
Android (android.graphics.Color)	4278230777 (0xFF009EF9)
YUV	121.1320, 63.0389, -106.2328
Hunter-Lab	55.9404, -4.3203, -60.5944

Details

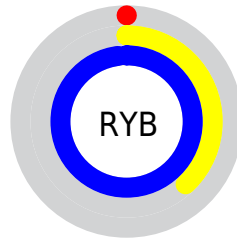
The Hex color **009EF9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F95B00**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6FD4FF**, and **006BC0** is the 20% darker color. If you saturate the color by 10%, you get **009EF9**, and if you desaturate by 10%, it is **19A7F9**.

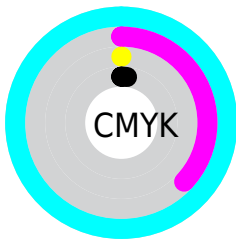
Distribution



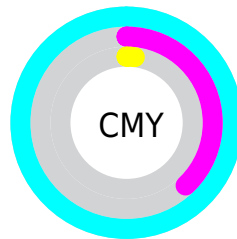
- Red (0%)
- Green (62%)
- Blue (98%)



- 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 009EF9 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 009EF9 by changing the saturation by 10% instead.

 009EF9

 009EF9

FFFFFF

 0084DC

 6FD4FF

 006BC0

 90F0FF

 0053A4

 B1FFFF

 003D8A

 D1FFFF

 002870

 F0FFFF

 001457

 00063F

 000328

 000111

 009EF9

 19A7F9

 32B0F9

 4BB9F9

 64C2F9

 7DCBF9

 95D5F9

 AEDEF9

 C7E7F9

 E0F0F9

Harmonies

Analogous

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



00AAEA



009EF9



958CEE

Triad

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



009EF9



EF716C



42AB62

Complementary

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



009EF9



F95B00

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.



84A33C



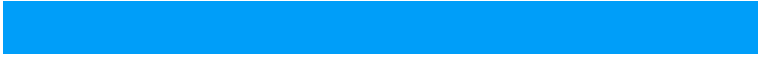
009EF9



DA8245

Square

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



009EF9



EE6C9D



B59430



00AF93

Rectangle

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



009EF9



C07ED9



B59430



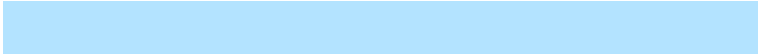
5CA954

Sweetspot

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



009EF9



B3E3FF



00F957



526F80



000000



808080

Same Dimension

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



009EF9



00A2FF



0025F9



70787D



0078BD



00273D

Inverse Universe

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



F9009E



FF00A2



F9D400



7D7078



BD0078



3D0027

Previews

White Background



This preview shows how the Hex color 009EF9 looks on a white background.

Color Contrast Check

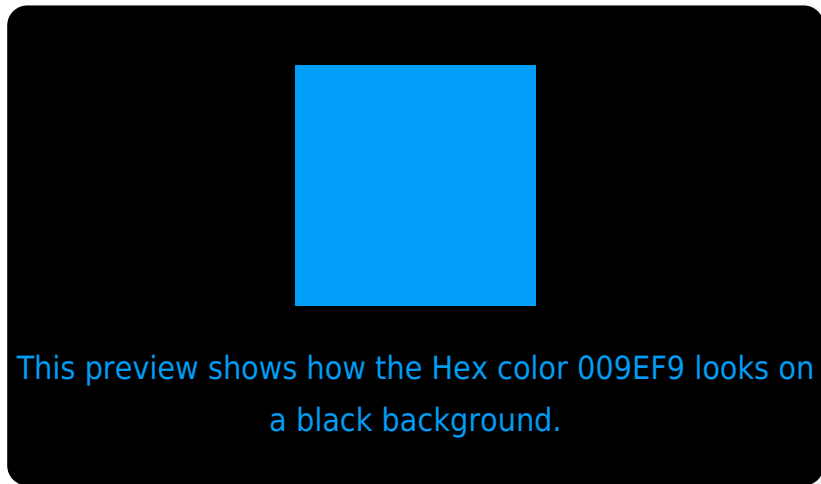
Large Text (above 18pt) WCAG AA × Fail

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

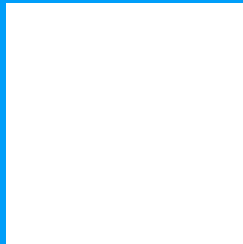
Any Text WCAG AAA ✓ Pass

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

Hex 009EF9 Background



This preview shows how black text looks on a background with the Hex color 009EF9.

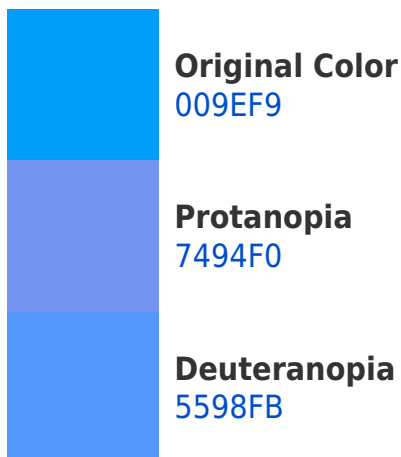


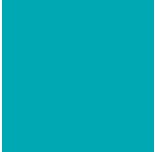
This preview shows how white text looks on a background with the Hex color 009EF9.

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
009EF9



Protanomaly
4A98F3



Deuteranomaly
369AFA



Tritanomaly
00A4CD

Monochromacy



Original Color
009EF9



Achromatopsia
797979



Achromatomaly
4D86A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 009EF9 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 #009EF9 looks like.

```
.text, #text, p{  
    color:#009EF9  
}
```

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 #009EF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009EF9
}
```

Border

The CSS property to change the border of an element to Hex 009EF9 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
#009EF9 }
```

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

```
.border{ border-color:#009EF9 }
```

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

Here you see how a box with a 4 pixel #009EF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009EF9; -webkit-box-shadow:4px 4px  
4px 4px #009EF9; box-shadow:4px 4px 4px  
4px #009EF9 }
```

Background

The CSS property to change the background color of an element to Hex 009EF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009EF9 }
```

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

```
.background{ background-color:#009EF9 }
```

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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