

Converting Colors

Hex(009CFE)

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

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Color

Hex(009CFE)

Conversions

Conversions Part 1

Format	Color
Hex	009CFE
RGB	0, 156, 254
RGB Percent	0%, 61%, 100%
CMY	1.0000, 0.3882, 0.0039
CMYK	1.00, 0.39, 0.00, 0.00
HSL	203°, 100%, 50%
HSV	203°, 100%, 100%
XYZ	29.7779, 30.9327, 98.1671
YIQ	120.5280, -124.4340, -2.5940

Conversions

Conversions Part 2

Format	Color
RYB	0, 97, 254
Decimal	40190
CIELab	62.45, 1.44, -57.95
CIELCh	62, 57.969, 271.424
Yxy	30.9327, 0.1874, 0.1947
Android (android.graphics.Color)	4278230270 (0xFF009CFE)
YUV	120.5280, 65.8017, -105.7031
Hunter-Lab	55.6172, -1.7598, -65.7178

Details

The Hex color **009CFE** 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 **FE6200**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **70D2FF**, and **006AC5** is the 20% darker color. If you saturate the color by 10%, you get **009CFE**, and if you desaturate by 10%, it is **19A6FE**.

Distribution



- Red (0%)
- Green (61%)
- Blue (100%)



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



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)




- Cyan (100%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 009CFE

 009CFE


FFFFFF

 0082E1

 70D2FF

 006AC5

 92EEFF

 0052A9

 B2FFFF

 003C8E

 D2FFFF

 002774

 F2FFFF

 00135B

 000742

 00032B

 000115

 009CFE

 19A6FE

 33B0FE

 4CB9FE

 66C3FE

 7FCDFE

 98D7FE

 B2E1FE

 CBEAFE

 E5F4FE

Harmonies

Analogous

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



00A9F1



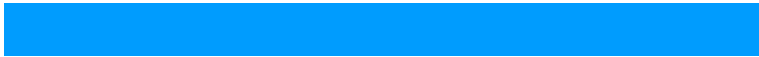
009CFE



9B88EF

Triad

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



009CFE



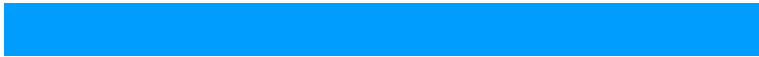
F16F64



2BAC63

Complementary

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



009CFE



FE6200

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.



7CA338



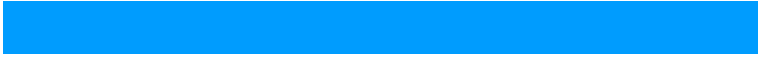
009CFE



D9823B

Square

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



009CFE



F36797



B09526



00B098

Rectangle

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



009CFE



C77AD8



B09526



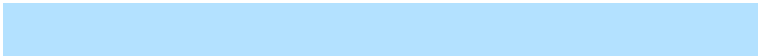
4EAA54

Sweetspot

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



009CFE



B3E1FF



00FE61



526E80



000000



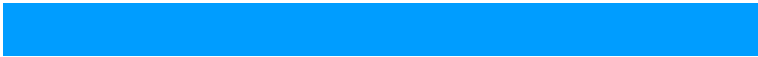
808080

Same Dimension

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



009CFE



009DFF



001EFE



737B80



0075BF



002740

Inverse Universe

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



FE009C



FF009D



FEE000



80737B



BF0075



400027

Previews

White Background



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

Color Contrast Check

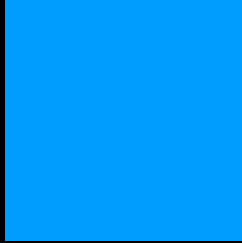
Large Text (above 18pt) WCAG AA × Fail

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 009CFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

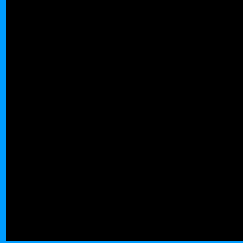
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

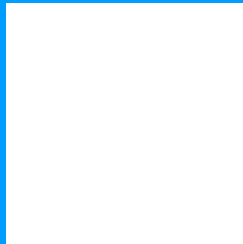
Any Text WCAG AAA ✓ Pass

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

Hex 009CFE Background



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



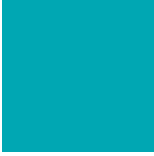
This preview shows how white text looks on a background with the Hex color 009CFE.

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
00A7B3

Trichromacy



Original Color
009CFE



Protanomaly
4796F8



Deuteranomaly
2F99FF



Tritanomaly
00A3CE

Monochromacy



Original Color
009CFE



Achromatopsia
797979



Achromatomaly
4D86A9

CSS Examples

Text

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

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

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 #009CFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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