

# Converting Colors

Hex(008FE9)

Have a look what the booklet for  
Hex(008FE9) contains.

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**Color**

**Hex(008FE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008FE9
RGB	0, 143, 233
RGB Percent	0%, 56%, 91%
CMY	1.0000, 0.4392, 0.0863
CMYK	1.00, 0.39, 0.00, 0.09
HSL	203°, 100%, 46%
HSV	203°, 100%, 91%
XYZ	24.5304, 25.5281, 80.7253
YIQ	110.5030, -114.1180, -2.3260

# Conversions

## Conversions Part 2

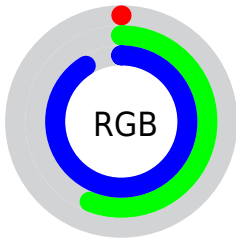
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 89, 233
Decimal	36841
CIE <sub>Lab</sub>	57.59, 1.16, -54.14
CIE <sub>LCh</sub>	58, 54.154, 271.225
Yxy	25.5281, 0.1876, 0.1952
Android (android.graphics.Color)	4278226921 (0xFF008FE9)
YUV	110.5030, 60.3910, -96.9111
Hunter-Lab	50.5254, -1.7563, -59.3610

# Details

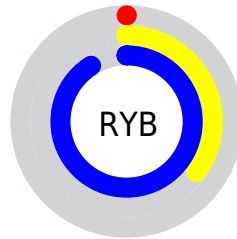
The Hex color **008FE9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E95A00**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6AC4FF**, and **005DB1** is the 20% darker color. If you saturate the color by 10%, you get **008FE9**, and if you desaturate by 10%, it is **1798E9**.

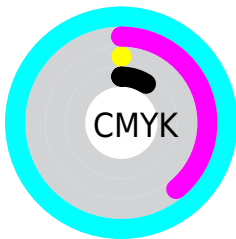
# Distribution



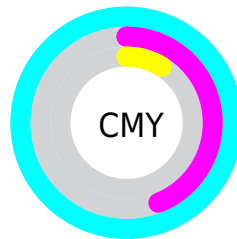
- Red (0%)
- Green (56%)
- Blue (91%)



- Red (0%)
- Yellow (35%)
- Blue (91%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (44%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008FE9 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 008FE9 by changing the saturation by 10% instead.



 008FE9

 008FE9

FFFFFF

 0076CD

 6AC4FF

 005DB1

 8CE0FF

 004696

 ABFDFF

 00317B

 CBFFFF

 001D62

 EAFFFF

 000949

 000432

 00011C

 000000

 008FE9

 1798E9

 2FA1E9

 46AAE9

 5DB3E9

 75BCE9

 8CC5E9

 A3CEE9

 BAD7E9

 D2E0E9

# Harmonies

## Analogous

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



009BDD



008FE9



8E7DDC

# Triad

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



008FE9



DD655C



289E5B

# Complementary

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



008FE9



E95A00

# 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.



729633



008FE9



C77736

# Square

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



008FE9



DF5E8A



A28923



00A18B

# Rectangle

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



008FE9



B66FC6



A28923



489C4C

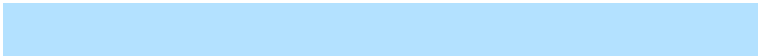


# Sweetspot

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



008FE9



B3E1FF



00E959



526E80



000000



808080

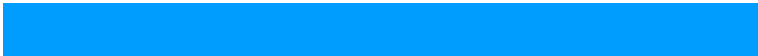


# Same Dimension

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



008FE9



009DFF



001BE9



6A7175



006FB5



002136



# Inverse Universe

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



E9008F



FF009D



E9CE00



756A71



B5006F



360021



# Previews

## White Background



This preview shows how the Hex color 008FE9 looks on a white background.

## Color Contrast Check

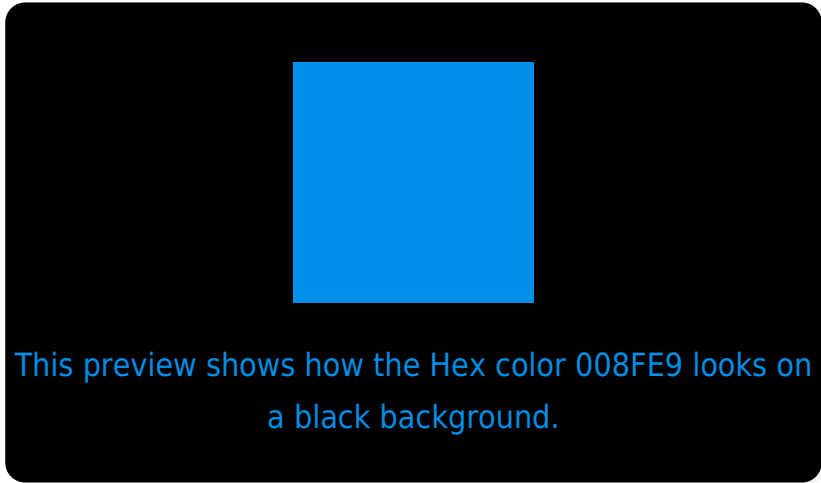
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

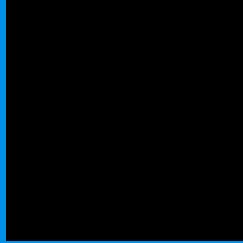
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

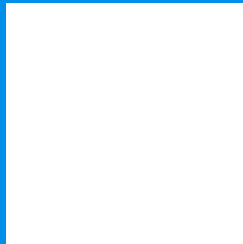
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 008FE9 Background



This preview shows how black text looks on a background with the Hex color 008FE9.



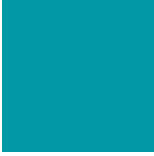
This preview shows how white text looks on a background with the Hex color 008FE9.

# 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**  
0099A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008FE9 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 #008FE9 looks like.

```
.text, #text, p{  
    color:#008FE9  
}
```

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 #008FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008FE9
}
```

## Border

The CSS property to change the border of an element to Hex 008FE9 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
#008FE9 }
```

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

```
.border{ border-color:#008FE9 }
```

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

Here you see how a box with a 4 pixel #008FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008FE9; -webkit-box-shadow:4px 4px  
4px 4px #008FE9; box-shadow:4px 4px 4px  
4px #008FE9 }
```

# Background

The CSS property to change the background color of an element to Hex 008FE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008FE9 }
```

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

```
.background{ background-color:#008FE9 }
```

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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