

# Converting Colors

Hex(0087F9)

Have a look what the booklet for  
Hex(0087F9) contains.

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**Color**

**Hex(0087F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0087F9
RGB	0, 135, 249
RGB Percent	0%, 53%, 98%
CMY	1.0000, 0.4706, 0.0235
CMYK	1.00, 0.46, 0.00, 0.02
HSL	207°, 100%, 49%
HSV	207°, 100%, 98%
XYZ	25.7629, 24.1675, 92.9295
YIQ	107.6310, -117.0540, 6.8340

# Conversions

## Conversions Part 2

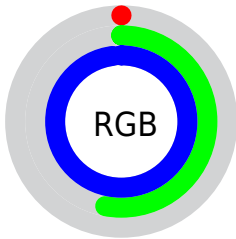
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 88, 249
Decimal	34809
CIE <sub>Lab</sub>	56.26, 12.14, -65.13
CIE <sub>LCh</sub>	56, 66.256, 280.558
Y <sub>xy</sub>	24.1675, 0.1803, 0.1692
Android (android.graphics.Color)	4278224889 (0xFF0087F9)
YUV	107.6310, 69.6949, -94.3924
Hunter-Lab	49.1605, 7.5133, -77.6654

# Details

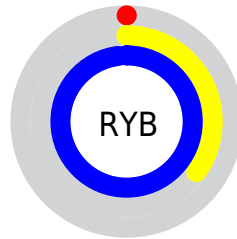
The Hex color **0087F9** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **F97200**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6FBCFF**, and **0056C0** is the 20% darker color. If you saturate the color by 10%, you get **0087F9**, and if you desaturate by 10%, it is **1992F9**.

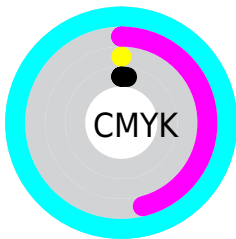
# Distribution



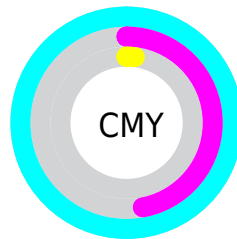
- Red (0%)
- Green (53%)
- Blue (98%)



- Red (0%)
- Yellow (35%)
- Blue (98%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (47%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0087F9 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 0087F9 by changing the saturation by 10% instead.



 0087F9

 0087F9

FFFFFF

 006EDC

 6FBCFF

 0056C0

 90D7FF

 0040A4

 B1F3FF

 002C89


 D1FFFF

 00196F

 F0FFFF

 000C56

 00063D

 000327

 000110

 0087F9

 1992F9

 329EF9

 4BA9F9

 64B5F9

 7DC0F9

 95CBF9

 AED7F9

 C7E2F9

 E0EEF9

# Harmonies

## Analogous

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



0098F4



0087F9



A26EDF

# Triad

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



0087F9



E25C3E



009F5E

# Complementary

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



0087F9



F97200

# 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.



4E9824



0087F9



C07603

# Square

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



0087F9



ED4A75



8F8B00



00A19A

# Rectangle

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



0087F9



CC5BC1



8F8B00



009D4B

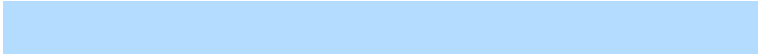


# Sweetspot

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



0087F9



B3DCFF



00F970



526A80



000000



808080



# Same Dimension

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



0087F9



008AFF



000CF9



70777D



0066BD



00213D



# Inverse Universe

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



F90087



FF008A



F9ED00



7D7077



BD0066



3D0021



# Previews

## White Background



This preview shows how the Hex color 0087F9 looks on a white background.

## Color Contrast Check

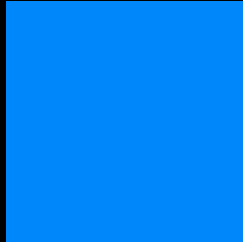
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0087F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

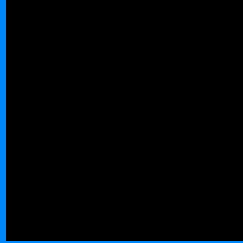
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

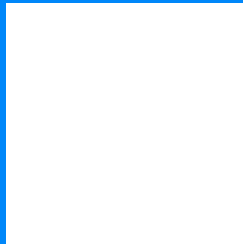
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0087F9 Background



This preview shows how black text looks on a background with the Hex color 0087F9.



This preview shows how white text looks on a background with the Hex color 0087F9.

# 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



# Trichromacy



**Original Color**  
0087F9

**Protanomaly**  
3184F6

**Deuteranomaly**  
0088F4

# Monochromacy



**Original Color**  
0087F9

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
45769F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0087F9 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 #0087F9 looks like.

```
.text, #text, p{  
    color:#0087F9  
}
```

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 #0087F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0087F9
}
```

## Border

The CSS property to change the border of an element to Hex 0087F9 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
#0087F9 }
```

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

```
.border{ border-color:#0087F9 }
```

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

Here you see how a box with a 4 pixel #0087F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0087F9; -webkit-box-shadow:4px 4px  
4px 4px #0087F9; box-shadow:4px 4px 4px  
4px #0087F9 }
```

# Background

The CSS property to change the background color of an element to Hex 0087F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0087F9 }
```

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

```
.background{ background-color:#0087F9 }
```

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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