

Converting Colors

Hex(089CFF)

Have a look what the booklet for
Hex(089CFF) contains.

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Color

Hex(089CFF)

Conversions

Conversions Part 1

Format	Color
Hex	089CFF
RGB	8, 156, 255
RGB Percent	3%, 61%, 100%
CMY	0.9686, 0.3882, 0.0000
CMYK	0.97, 0.39, 0.00, 0.00
HSL	204°, 100%, 52%
HSV	204°, 97%, 100%
XYZ	30.0386, 31.0486, 99.0175
YIQ	123.0340, -119.9870, -0.5870

Conversions

Conversions Part 2

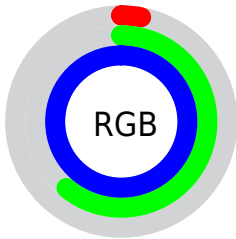
Format	Color
RYB	8, 101, 255
Decimal	564479
CIELab	62.55, 2.01, -58.34
CIELCh	63, 58.373, 271.970
Yxy	31.0486, 0.1876, 0.1939
Android (android.graphics.Color)	4278754559 (0xFF089CFF)
YUV	123.0340, 65.0592, -100.8848
Hunter-Lab	55.7212, -1.2851, -66.3544

Details

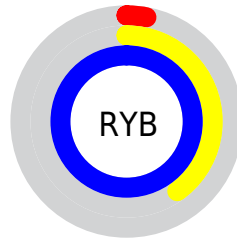
The Hex color **089CFF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FF6B08**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **71D2FF**, and **006AC6** is the 20% darker color. If you saturate the color by 10%, you get **0099FF**, and if you desaturate by 10%, it is **21A6FF**.

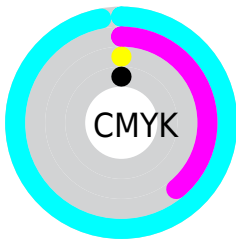
Distribution



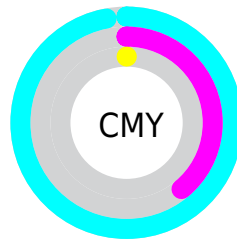
- Red (3%)
- Green (61%)
- Blue (100%)



- Red (3%)
- Yellow (40%)
- Blue (100%)



- Cyan (97%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 089CFF 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 089CFF by changing the saturation by 10% instead.

089CFF

089CFF

FFFFFF

0082E2

71D2FF

006AC6

93EEFF

0052AA

B4FFFF

003C8F

D4FFFF

002775


F3FFFF


00135B


000743

00032C

000116

 089CFF

 089CFF

 0099FF

 21A6FF

 3BB0FF

 55BBFF

 6EC5FF

 88CFFF

 A1D9FF

 BBE4FF

 D4EEFF

 EEF8FF

Harmonies

Analogous

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



00A9F2



089CFF



9D88F0

Triad

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



089CFF



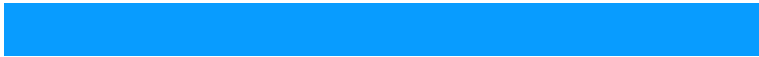
F26F63



27AD64

Complementary

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



089CFF



FF6B08

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.



7BA438



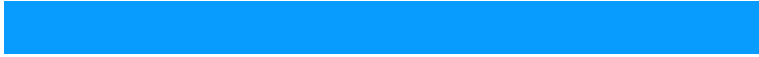
089CFF



D9823A

Square

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



089CFF



F46796



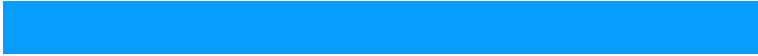
AF9625



00B099

Rectangle

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



089CFF



C979D8



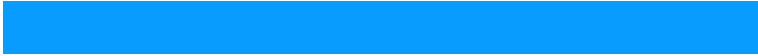
AF9625



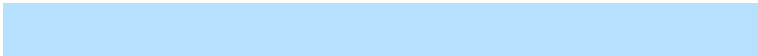
4CAA54

Sweetspot

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



089CFF



B5E1FF



08FF6B



536E80



000000



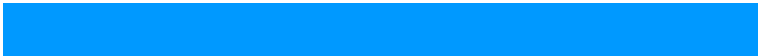
808080

Same Dimension

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



089CFF



0099FF



0821FF



737A80



0073BF



002640

Inverse Universe

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



FF089C



FF0099



FFE608



80737A



BF0073



400026

Previews

White Background



This preview shows how the Hex color 089CFF 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 089CFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

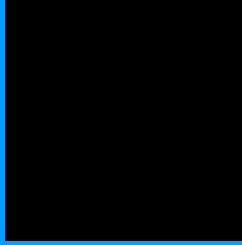
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

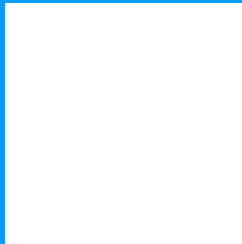
Any Text WCAG AAA ✓ Pass

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

Hex 089CFF Background



This preview shows how black text looks on a background with the Hex color 089CFF.

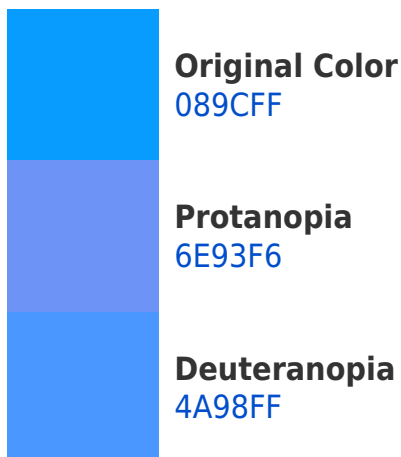


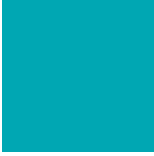
This preview shows how white text looks on a background with the Hex color 089CFF.

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
089CFF



Protanomaly
4996F9



Deuteranomaly
3299FF



Tritanomaly
03A3CF

Monochromacy



Original Color
089CFF



Achromatopsia
7B7B7B



Achromatomaly
5187AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 089CFF 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 #089CFF looks like.

```
.text, #text, p{  
    color:#089CFF  
}
```

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 #089CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #089CFF
}
```

Border

The CSS property to change the border of an element to Hex 089CFF 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
#089CFF }
```

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

```
.border{ border-color:#089CFF }
```

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

Here you see how a box with a 4 pixel #089CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #089CFF; -webkit-box-shadow:4px 4px  
4px 4px #089CFF; box-shadow:4px 4px 4px  
4px #089CFF }
```

Background

The CSS property to change the background color of an element to Hex 089CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#089CFF }
```

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

```
.background{ background-color:#089CFF }
```

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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