

Converting Colors

Hex(0089F5)

Have a look what the booklet for
Hex(0089F5) contains.

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Color

Hex(0089F5)

Conversions

Conversions Part 1

Format	Color
Hex	0089F5
RGB	0, 137, 245
RGB Percent	0%, 54%, 96%
CMY	1.0000, 0.4627, 0.0392
CMYK	1.00, 0.44, 0.00, 0.04
HSL	206°, 100%, 48%
HSV	206°, 100%, 96%
XYZ	25.4271, 24.4839, 89.7719
YIQ	108.3490, -116.3200, 4.5440

Conversions

Conversions Part 2

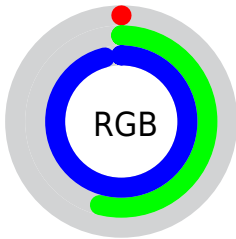
Format	Color
R _{YB}	0, 88, 245
Decimal	35317
CIE Lab	56.57, 9.38, -62.42
CIE LCh	57, 63.119, 278.542
Yxy	24.4839, 0.1820, 0.1753
Android (android.graphics.Color)	4278225397 (0xFF0089F5)
YUV	108.3490, 67.3689, -95.0221
Hunter-Lab	49.4812, 5.1344, -72.9308

Details

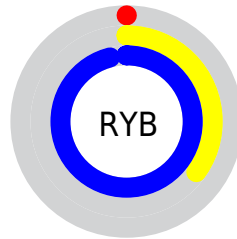
The Hex color **0089F5** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **F56C00**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6DBEFF**, and **0058BC** is the 20% darker color. If you saturate the color by 10%, you get **0089F5**, and if you desaturate by 10%, it is **1894F5**.

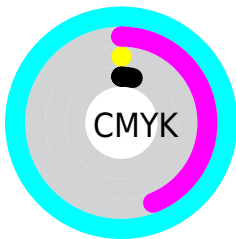
Distribution



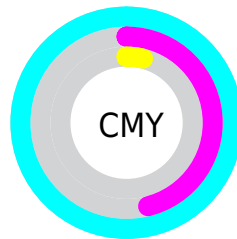
- Red (0%)
- Green (54%)
- Blue (96%)



- Red (0%)
- Yellow (35%)
- Blue (96%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (4%)




- Cyan (100%)
- Magenta (46%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0089F5 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 0089F5 by changing the saturation by 10% instead.

 0089F5

 0089F5

FFFFFF

 0070D8

 6DBEFF

 0058BC

 8FD9FF

 0042A0

 AFF6FF

 002D86

 CFFFFF

 001A6C

 EFFFFFF

 000B53


 00063A

 000224

 00000C

 0089F5

 1894F5

 319FF5

 4AA9F5

 62B4F5

 7BBFF5

 93CAF5

 ABD5F5

 C4DFF5

 DDEAF5

Harmonies

Analogous

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



0098EE



0089F5



9D72DE

Triad

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



0089F5



E15E46



009F5D

Complementary

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



0089F5



F56C00

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.



589728



0089F5



C27616

Square

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



0089F5



EA4F7A



948A00



00A196

Rectangle

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



0089F5



C761C2



948A00



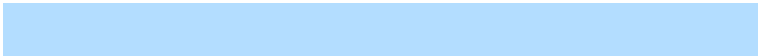
009D4B

Sweetspot

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



0089F5



B3DDFF



00F56A



526B80



000000



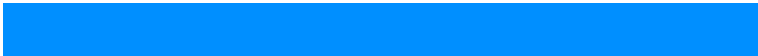
808080

Same Dimension

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



0089F5



008FFF



0010F5



6E757A



0068BA



00213B

Inverse Universe

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



F50089



FF008F



F5E500



7A6E75



BA0068



3B0021

Previews

White Background



This preview shows how the Hex color 0089F5 looks on a white background.

Color Contrast Check

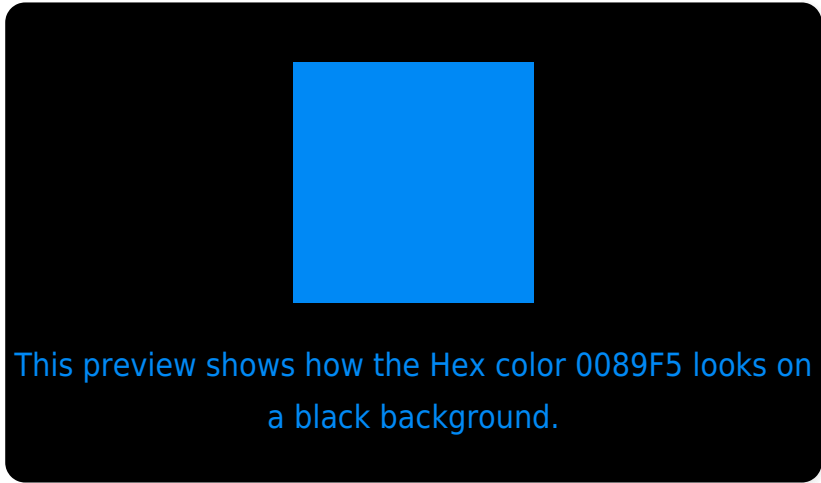
Large Text (above 18pt) WCAG AA ✓ Pass

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

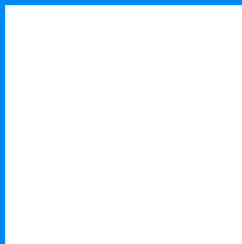
Any Text WCAG AAA × Fail

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

Hex 0089F5 Background



This preview shows how black text looks on a background with the Hex color 0089F5.



This preview shows how white text looks on a background with the Hex color 0089F5.

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
0096A0

Trichromacy



Original Color
0089F5

Protanomaly
3585F1

Deuteranomaly
0089F4

Tritanomaly
0091BF

Monochromacy



Original Color
0089F5

Achromatopsia
6C6C6C

Achromatomaly
45779E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0089F5 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 #0089F5 looks like.

```
.text, #text, p{  
    color:#0089F5  
}
```

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 #0089F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0089F5
}
```

Border

The CSS property to change the border of an element to Hex 0089F5 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
#0089F5 }
```

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

```
.border{ border-color:#0089F5 }
```

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

Here you see how a box with a 4 pixel #0089F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0089F5; -webkit-box-shadow:4px 4px  
4px 4px #0089F5; box-shadow:4px 4px 4px  
4px #0089F5 }
```

Background

The CSS property to change the background color of an element to Hex 0089F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0089F5 }
```

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

```
.background{ background-color:#0089F5 }
```

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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