

Converting Colors

Hex(0CAEFF)

Have a look what the booklet for
Hex(0CAEFF) contains.

Hex(0CAEFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0CAEFF)

Conversions

Conversions Part 1

Format	Color
Hex	0CAEFF
RGB	12, 174, 255
RGB Percent	5%, 68%, 100%
CMY	0.9529, 0.3176, 0.0000
CMYK	0.95, 0.32, 0.00, 0.00
HSL	200°, 100%, 52%
HSV	200°, 95%, 100%
XYZ	33.3377, 37.5703, 100.1024
YIQ	134.7960, -122.5530, -9.1530

Conversions

Conversions Part 2

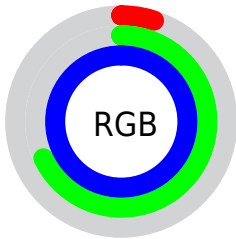
Format	Color
R_{YB}	12, 109, 255
Decimal	831231
CIE _{Lab}	67.70, -8.17, -50.16
CIE _{LCh}	68, 50.819, 260.747
Yxy	37.5703, 0.1949, 0.2197
Android (android.graphics.Color)	4279021311 (0xFF0CAEFF)
YUV	134.7960, 59.2606, -107.6921
Hunter-Lab	61.2946, -10.1807, -53.9225

Details

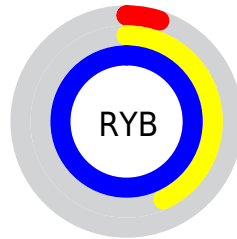
The Hex color **0CAEFF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FF5D0C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **72E5FF**, and **007AC6** is the 20% darker color. If you saturate the color by 10%, you get **00AAFF**, and if you desaturate by 10%, it is **26B6FF**.

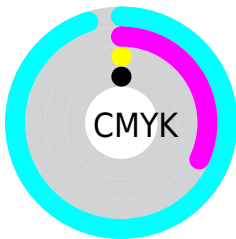
Distribution



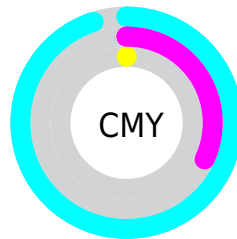
- Red (5%)
- Green (68%)
- Blue (100%)



- Red (5%)
- Yellow (43%)
- Blue (100%)



- Cyan (95%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CAEFF 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 0CAEFF by changing the saturation by 10% instead.

 0CAEFF

 0CAEFF

FFFFFF

 0094E2

 72E5FF

 007AC6

 94FFFF

 0061AA

 B5FFFF

 004A8F

 D5FFFF

 003475

 F5FFFF

 00205C

 000744

 00032D

 000117

 0CAEFF

 0CAEFF

 00AAFF

 26B6FF

 3FBFFF

 59C7FF

 72D0FF

 8CD9FF

 A5E1FF

 BFEAFF

 D8F2FF

 F2FBFF

Harmonies

Analogous

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



00B8EB



0CAEFF



919EFB

Triad

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



0CAEFF



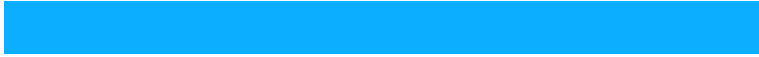
FB8087



6AB669

Complementary

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



0CAEFF



FF5D0C

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.



A0AC4B



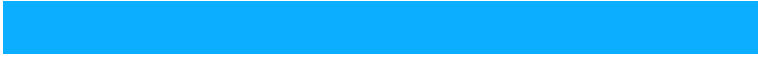
0CAEFF



EC8C5F

Square

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



0CAEFF



F27FB5



CC9D48



00BB95

Rectangle

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



0CAEFF



BE92EB



CC9D48



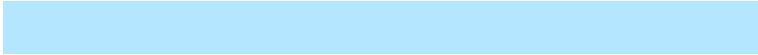
7EB35D

Sweetspot

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



0CAEFF



B5E6FF



0CFF5D



537180



000000



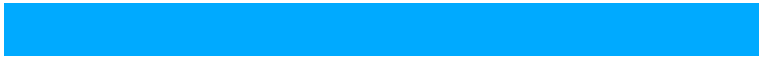
808080

Same Dimension

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



0CAEFF



00AAFF



0C35FF



737B80



007FBF



002A40

Inverse Universe

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



FF0CAE



FF00AA



FFD70C



80737B



BF007F



40002A

Previews

White Background



This preview shows how the Hex color 0CAEFF looks on a white background.

Color Contrast Check

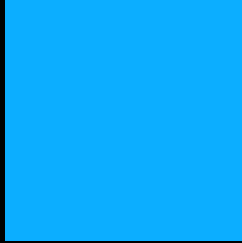
Large Text (above 18pt) WCAG AA × Fail

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 0CAEFF 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

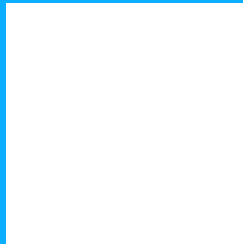
Any Text WCAG AAA ✓ Pass

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

Hex 0CAEFF Background



This preview shows how black text looks on a background with the Hex color 0CAEFF.

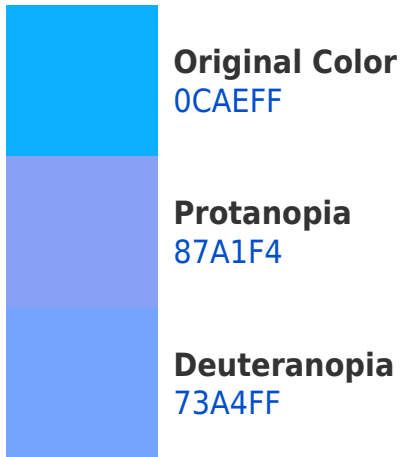


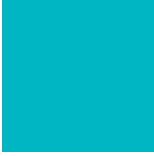
This preview shows how white text looks on a background with the Hex color 0CAEFF.

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
00B6C3

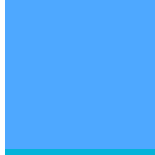
Trichromacy



Original Color
0CAEFF



Protanomaly
5AA6F8



Deuteranomaly
4EA8FF



Tritanomaly
04B3D9

Monochromacy



Original Color
0CAEFF



Achromatopsia
878787



Achromatomaly
5A95B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CAEFF 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 #0CAEFF looks like.

```
.text, #text, p{  
    color:#0CAEFF  
}
```

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 #0CAEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CAEFF
}
```

Border

The CSS property to change the border of an element to Hex 0CAEFF 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
#0CAEFF }
```

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

```
.border{ border-color:#0CAEFF }
```

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

Here you see how a box with a 4 pixel #0CAEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CAEFF; -webkit-box-shadow:4px 4px  
4px 4px #0CAEFF; box-shadow:4px 4px 4px  
4px #0CAEFF }
```

Background

The CSS property to change the background color of an element to Hex 0CAEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CAEFF }
```

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

```
.background{ background-color:#0CAEFF }
```

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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