

# Converting Colors

Hex(0C99F0)

Have a look what the booklet for  
Hex(0C99F0) contains.

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# Color

Hex(0C99F0)

# Conversions

## Conversions Part 1

Format	Color
Hex	0C99F0
RGB	12, 153, 240
RGB Percent	5%, 60%, 94%
CMY	0.9529, 0.4000, 0.0588
CMYK	0.95, 0.36, 0.00, 0.06
HSL	203°, 90%, 49%
HSV	203°, 95%, 94%
XYZ	27.2710, 29.1519, 86.6276
YIQ	120.7590, -111.9630, -2.8350

# Conversions

## Conversions Part 2

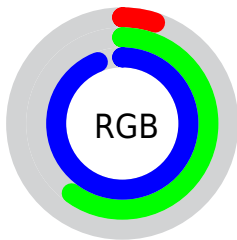
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 99, 240
Decimal	825840
CIE <sub>Lab</sub>	60.92, -1.75, -52.71
CIE <sub>LCh</sub>	61, 52.739, 268.096
Yxy	29.1519, 0.1906, 0.2038
Android (android.graphics.Color)	4279015920 (0xFF0C99F0)
YUV	120.7590, 58.7858, -95.3816
Hunter-Lab	53.9925, -4.3284, -57.3324

# Details

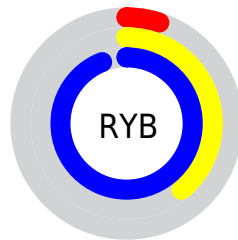
The Hex color **0C99F0** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F0630C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6ECFFF**, and **0067B7** is the 20% darker color. If you saturate the color by 10%, you get **0094F0**, and if you desaturate by 10%, it is **24A2F0**.

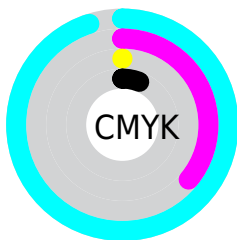
# Distribution



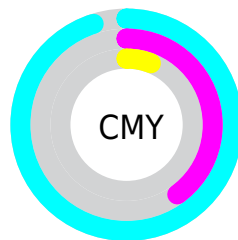
- Red (5%)
- Green (60%)
- Blue (94%)



- Red (5%)
- Yellow (39%)
- Blue (94%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (6%)



- Cyan (95%)
- Magenta (40%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C99F0 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 0C99F0 by changing the saturation by 10% instead.



 0C99F0

 0C99F0

FFFFFF

 007FD3

 6ECFFF

 0067B7

 8FEBFF

 004F9C

 AFFFFFF

 003982


 CFFFFFF

 002468

 EFFFFFF

 000E4F

 000537

 000221

 000006

■ 0C99F0

■ 0C99F0

■ 0094F0

■ 24A2F0

■ 3CABF0

■ 54B4F0

■ 6CBEF0

■ 84C7F0

■ 9CD0F0

■ B4D9F0

■ CCE2F0

■ E4EBF0

# Harmonies

## Analogous

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



00A4E1



0C99F0



9088E5

# Triad

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



0C99F0



E76E6A



42A660

# Complementary

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



0C99F0



F0630C

# 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.



819D3C



0C99F0



D37E44

# Square

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



0C99F0



E56998



AF9030



00AA8E

# Rectangle

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



0C99F0



B97BD2



AF9030



5BA352

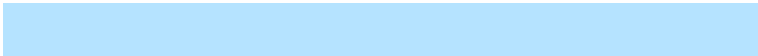


# Sweetspot

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



0C99F0



B5E3FF



0CF060



536E80



000000



808080

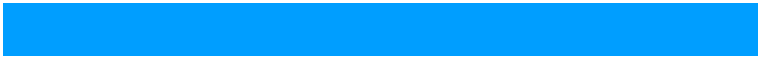


# Same Dimension

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



0C99F0



009EFF



0C2AF0



6C7378



0072B8



002338



# Inverse Universe

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



F00C99



FF009E



F0D20C



786C73



B80072

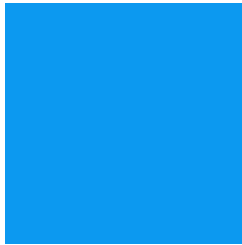


380023



# Previews

## White Background



This preview shows how the Hex color 0C99F0 looks on a white background.

## Color Contrast Check

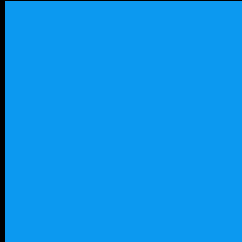
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C99F0 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

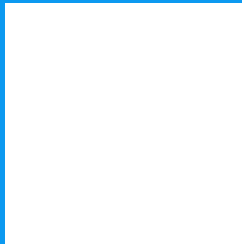
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C99F0 Background



This preview shows how black text looks on a background with the Hex color 0C99F0.

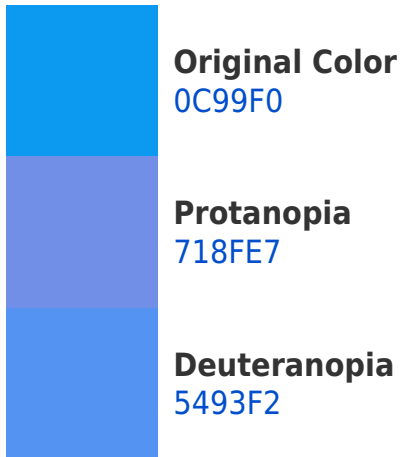


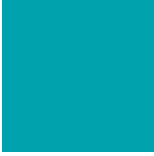
This preview shows how white text looks on a background with the Hex color 0C99F0.

# 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](#).

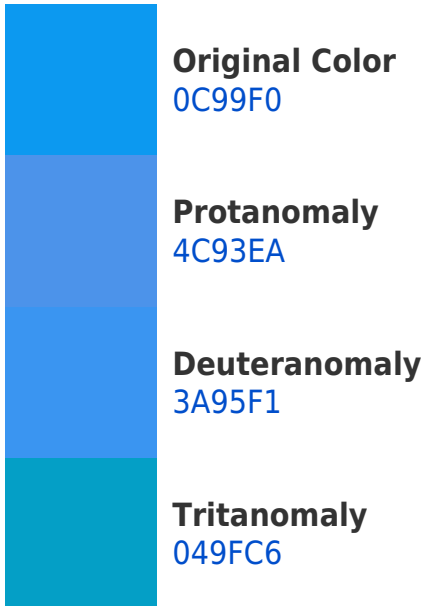
## Dichromacy





**Tritanopia**  
00A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C99F0 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 #0C99F0 looks like.

```
.text, #text, p{  
    color:#0C99F0  
}
```

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 #0C99F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C99F0
}
```

## Border

The CSS property to change the border of an element to Hex 0C99F0 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
#0C99F0 }
```

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

```
.border{ border-color:#0C99F0 }
```

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

Here you see how a box with a 4 pixel #0C99F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C99F0; -webkit-box-shadow:4px 4px  
4px 4px #0C99F0; box-shadow:4px 4px 4px  
4px #0C99F0 }
```

# Background

The CSS property to change the background color of an element to Hex 0C99F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C99F0 }
```

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

```
.background{ background-color:#0C99F0 }
```

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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