

Converting Colors

Hex(0CACF4)

Have a look what the booklet for
Hex(0CACF4) contains.

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Color

Hex(0CACF4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 0CACF4 |
| RGB | 12, 172, 244 |
| RGB Percent | 5%, 67%, 96% |
| CMY | 0.9529, 0.3255, 0.0431 |
| CMYK | 0.95, 0.30, 0.00, 0.04 |
| HSL | 199°, 91%, 50% |
| HSV | 199°, 95%, 96% |
| XYZ | 31.2333, 36.1149, 90.9126 |
| YIQ | 132.3680, -118.4720, -11.5280 |

Conversions

Conversions Part 2

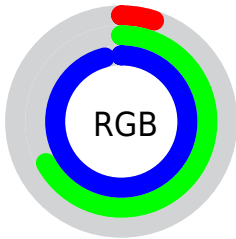
| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 12, 107, 244 |
| Decimal | 830708 |
| CIE Lab | 66.61, -11.03, -45.90 |
| CIE LCh | 67, 47.210, 256.486 |
| Yxy | 36.1149, 0.1974, 0.2282 |
| Android (android.graphics.Color) | 4279020788 (0xFF0CACF4) |
| YUV | 132.3680, 55.0346, -105.5627 |
| Hunter-Lab | 60.0956, -12.3963, -47.6269 |

Details

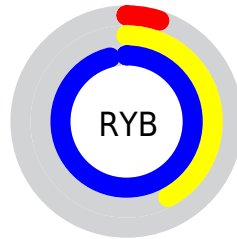
The Hex color **0CACF4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **F4540C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **70E3FF**, and **0078BB** is the 20% darker color. If you saturate the color by 10%, you get **00A8F4**, and if you desaturate by 10%, it is **24B4F4**.

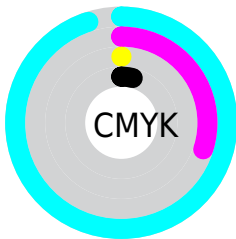
Distribution



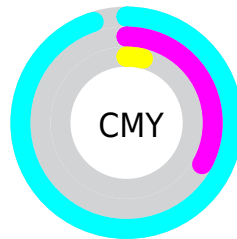
- Red (5%)
- Green (67%)
- Blue (96%)



- Red (5%)
- Yellow (42%)
- Blue (96%)



- Cyan (95%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)



- Cyan (95%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CACF4 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 0CACF4 by changing the saturation by 10% instead.

 0CACF4

 0CACF4

FFFFFF

 0092D7

 70E3FF

 0078BB

 91FFFF

 005FA0

 B2FFFF

 004886

 D1FFFF

 00326C

 F1FFFF

 001E53

 00063C

 000225

 00010D

 0CACF4

 0CACF4

 00A8F4

 24B4F4

 3DBBF4

 55C3F4

 6ECAF4

 86D2F4

 9ED9F4

 B7E1F4

 CFE9F4

 E8F0F4

Harmonies

Analogous

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



00B4DE



0CACF4



869EF3

Triad

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



0CACF4



F27F8C



74B166

Complementary

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



0CACF4



F4540C

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.



A5A74E



0CACF4



E88A66

Square

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



0CACF4



E781B7



CC994E



2DB68D

Rectangle

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



0CACF4



B293E6



CC994E



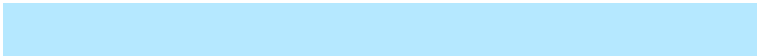
86AE5B

Sweetspot

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



0CACF4



B5E8FF



0CF452



537280



000000



808080

Same Dimension

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



0CACF4



00B0FF



0C3AF4



6E777A



0080BA



00283B

Inverse Universe

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



F40CAC



FF00B0



F4C60C



7A6E77



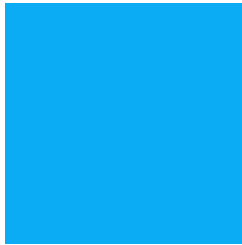
BA0080



3B0028

Previews

White Background



This preview shows how the Hex color 0CACF4 looks on a white background.

Color Contrast Check

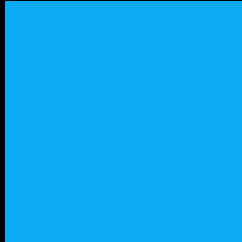
Large Text (above 18pt) WCAG AA × Fail

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 0CACF4 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

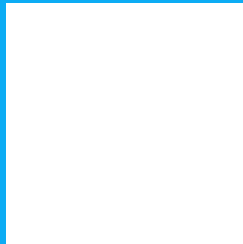
Any Text WCAG AAA ✓ Pass

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

Hex 0CACF4 Background



This preview shows how black text looks on a background with the Hex color 0CACF4.

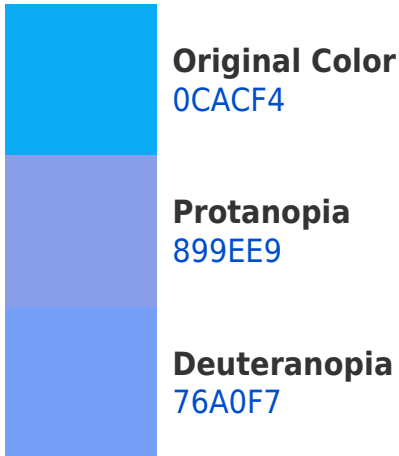


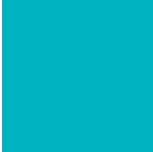
This preview shows how white text looks on a background with the Hex color 0CACF4.

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
00B3C0

Trichromacy



Original Color
0CACF4



Protanomaly
5CA3ED



Deuteranomaly
4FA4F6



Tritanomaly
04B0D3

Monochromacy



Original Color
0CACF4



Achromatopsia
848484



Achromatomaly
5893AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CACF4 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 #0CACF4 looks like.

```
.text, #text, p{  
    color:#0CACF4  
}
```

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 #0CACF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CACF4
}
```

Border

The CSS property to change the border of an element to Hex 0CACF4 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
#0CACF4 }
```

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

```
.border{ border-color:#0CACF4 }
```

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

Here you see how a box with a 4 pixel #0CACF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CACF4; -webkit-box-shadow:4px 4px  
4px 4px #0CACF4; box-shadow:4px 4px 4px  
4px #0CACF4 }
```

Background

The CSS property to change the background color of an element to Hex 0CACF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CACF4 }
```

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

```
.background{ background-color:#0CACF4 }
```

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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