

Converting Colors

Hex(0C5DF2)

Have a look what the booklet for
Hex(0C5DF2) contains.

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Color

Hex(0C5DF2)

Conversions

Conversions Part 1

Format	Color
Hex	0C5DF2
RGB	12, 93, 242
RGB Percent	5%, 36%, 95%
CMY	0.9529, 0.6353, 0.0510
CMYK	0.95, 0.62, 0.00, 0.05
HSL	219°, 91%, 50%
HSV	219°, 95%, 95%
XYZ	20.0930, 14.3177, 85.7090
YIQ	85.7670, -96.1050, 29.1670

Conversions

Conversions Part 2

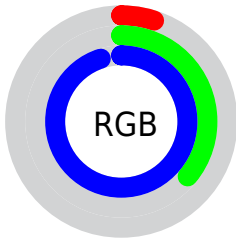
Format	Color
R _Y B	12, 72, 242
Decimal	810482
CIE Lab	44.69, 36.28, -80.04
CIE LCh	45, 87.875, 294.386
Yxy	14.3177, 0.1673, 0.1192
Android (android.graphics.Color)	4279000562 (0xFF0C5DF2)
YUV	85.7670, 77.0229, -64.6937
Hunter-Lab	37.8387, 28.5688, -107.8115

Details

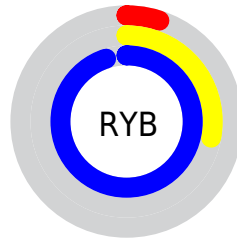
The Hex color **0C5DF2** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **F2A10C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **718FFF**, and **0031B9** is the 20% darker color. If you saturate the color by 10%, you get **0055F2**, and if you desaturate by 10%, it is **246DF2**.

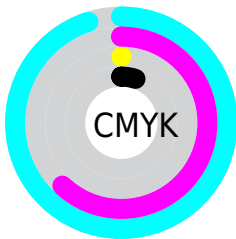
Distribution



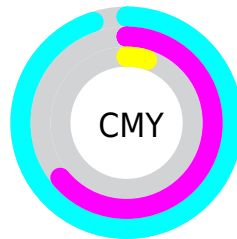
- Red (5%)
- Green (36%)
- Blue (95%)



- Red (5%)
- Yellow (28%)
- Blue (95%)



- Cyan (95%)
- Magenta (62%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (64%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5DF2 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 0C5DF2 by changing the saturation by 10% instead.

 0C5DF2

 0C5DF2

FFFFFF

 0046D5

 718FFF

 0031B9

 93A9FF

 001E9D

 B3C4FF

 000D82

 D3E0FF

 000768

 F2FDFD

 000A4E

 000537

 000220

 000005

■ 0C5DF2

■ 0C5DF2

■ 0055F2

■ 246DF2

■ 3C7CF2

■ 558CF2

■ 6D9CF2

■ 85ABF2

■ 9DBBF2

■ B5CBF2

■ CEDAF2

■ E6EAF2

Harmonies

Analogous

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



0078FF



0C5DF2



B024C1

Triad

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



0C5DF2



C13B00



008559

Complementary

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



0C5DF2



F2A10C

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.



008100



0C5DF2



8D6200

Square

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



0C5DF2



DF0033



467700



0086A5

Rectangle

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



0C5DF2



D40093



467700



00843F

Sweetspot

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



0C5DF2



B5CFFF



0CF29E



536380



000000



808080

Same Dimension

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



0C5DF2



005AFF



2B0CF2



6C7078



0041B8



001438

Inverse Universe

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



F20C5D



FF005A



D3F20C



786C70



B80041



380014

Previews

White Background



This preview shows how the Hex color 0C5DF2 looks on a white background.

Color Contrast Check

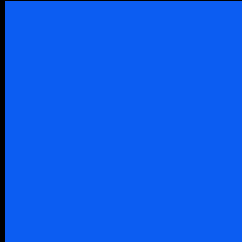
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0C5DF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

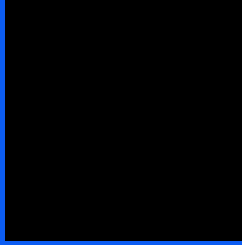
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

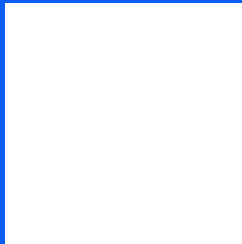
Any Text WCAG AAA × Fail

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

Hex 0C5DF2 Background



This preview shows how black text looks on a background with the Hex color 0C5DF2.



This preview shows how white text looks on a background with the Hex color 0C5DF2.

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



Original Color
0C5DF2

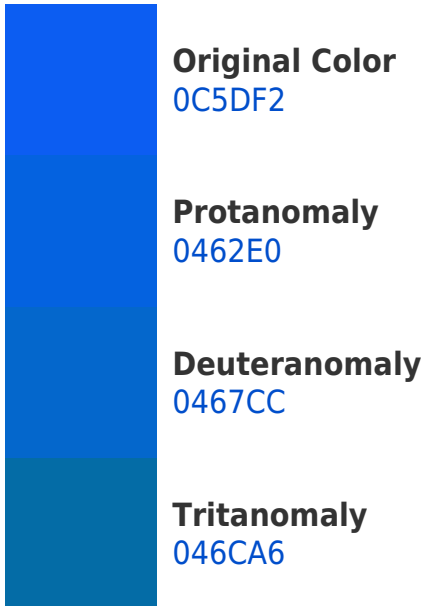
Protanopia
0065D6

Deuteranopia
006CB7



Tritanopia
00757B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5DF2 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 #0C5DF2 looks like.

```
.text, #text, p{  
    color:#0C5DF2  
}
```

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 #0C5DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5DF2
}
```

Border

The CSS property to change the border of an element to Hex 0C5DF2 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
#0C5DF2 }
```

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

```
.border{ border-color:#0C5DF2 }
```

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

Here you see how a box with a 4 pixel #0C5DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5DF2; -webkit-box-shadow:4px 4px  
4px 4px #0C5DF2; box-shadow:4px 4px 4px  
4px #0C5DF2 }
```

Background

The CSS property to change the background color of an element to Hex 0C5DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5DF2 }
```

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

```
.background{ background-color:#0C5DF2 }
```

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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