

Converting Colors

Hex(0C68EC)

Have a look what the booklet for
Hex(0C68EC) contains.

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Color

Hex(0C68EC)

Conversions

Conversions Part 1

Format	Color
Hex	0C68EC
RGB	12, 104, 236
RGB Percent	5%, 41%, 93%
CMY	0.9529, 0.5922, 0.0745
CMYK	0.95, 0.56, 0.00, 0.07
HSL	215°, 90%, 49%
HSV	215°, 95%, 93%
XYZ	20.2423, 16.0349, 81.3850
YIQ	91.5400, -97.2040, 21.5480

Conversions

Conversions Part 2

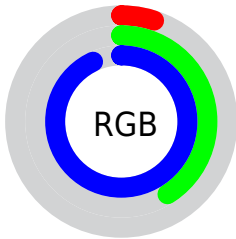
Format	Color
RYB	12, 77, 236
Decimal	813292
CIELab	47.02, 26.95, -72.85
CIELCh	47, 77.676, 290.303
Yxy	16.0349, 0.1720, 0.1363
Android (android.graphics.Color)	4279003372 (0xFF0C68EC)
YUV	91.5400, 71.2188, -69.7566
Hunter-Lab	40.0436, 20.1563, -92.4710

Details

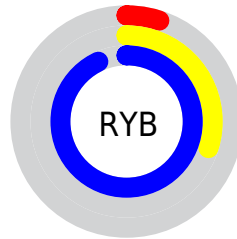
The Hex color **0C68EC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EC900C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6E9AFF**, and **003BB3** is the 20% darker color. If you saturate the color by 10%, you get **0061EC**, and if you desaturate by 10%, it is **2476EC**.

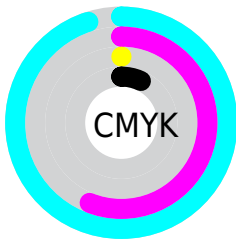
Distribution



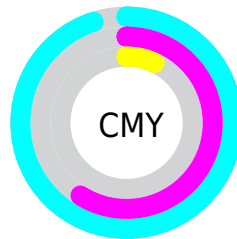
- Red (5%)
- Green (41%)
- Blue (93%)



- Red (5%)
- Yellow (30%)
- Blue (93%)



- Cyan (95%)
- Magenta (56%)
- Yellow (0%)
- Black (7%)



- Cyan (95%)
- Magenta (59%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C68EC 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 0C68EC by changing the saturation by 10% instead.

0C68EC

0C68EC

FFFFFF

0051CF

6E9AFF

003BB3

90B5FF

002798

B0D0FF

00167D

CFECCF

000563

FFFFFF

00094A

000432

00021C

000000

■ 0C68EC

■ 0C68EC

■ 0061EC

■ 2476EC

■ 3B84EC

■ 5392EC

■ 6AA0EC

■ 82AEEC

■ 9ABBEC

■ B1C9EC

■ C9D7EC

■ E0E5EC

Harmonies

Analogous

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



007EF2



0C68EC



A642C4

Triad

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



0C68EC



C64400



008957

Complementary

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



0C68EC



EC900C

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.



008403



0C68EC



996500

Square

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



0C68EC



DD0947



5E7A00



008B9B

Rectangle

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



0C68EC



CB1E9D



5E7A00



008840

Sweetspot

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



0C68EC



B8D5FF



0CEC8F



546680



000000



808080

Same Dimension

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



0C68EC



0069FF



1F0CEC



6A6E75



004AB5



001636

Inverse Universe

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



EC0C68



FF0069



D9EC0C



756A6E



B5004A



360016

Previews

White Background



This preview shows how the Hex color 0C68EC looks on a white background.

Color Contrast Check

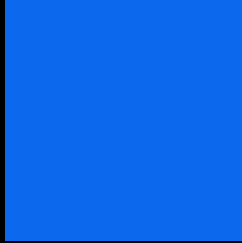
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C68EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

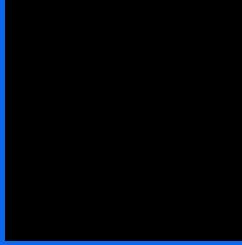
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

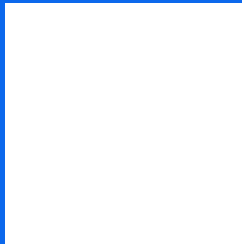
Any Text WCAG AAA × Fail

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

Hex 0C68EC Background



This preview shows how black text looks on a background with the Hex color 0C68EC.



This preview shows how white text looks on a background with the Hex color 0C68EC.

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
007B83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C68EC 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 #0C68EC looks like.

```
.text, #text, p{  
    color:#0C68EC  
}
```

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 #0C68EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C68EC
}
```

Border

The CSS property to change the border of an element to Hex 0C68EC 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
#0C68EC }
```

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

```
.border{ border-color:#0C68EC }
```

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

Here you see how a box with a 4 pixel #0C68EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C68EC; -webkit-box-shadow:4px 4px  
4px 4px #0C68EC; box-shadow:4px 4px 4px  
4px #0C68EC }
```

Background

The CSS property to change the background color of an element to Hex 0C68EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C68EC }
```

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

```
.background{ background-color:#0C68EC }
```

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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