

Converting Colors

Hex(0B68FE)

Have a look what the booklet for
Hex(0B68FE) contains.

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Color

Hex(0B68FE)

Conversions

Conversions Part 1

Format	Color
Hex	0B68FE
RGB	11, 104, 254
RGB Percent	4%, 41%, 100%
CMY	0.9569, 0.5922, 0.0039
CMYK	0.96, 0.59, 0.00, 0.00
HSL	217°, 99%, 52%
HSV	217°, 96%, 100%
XYZ	22.9777, 17.1275, 95.8608
YIQ	93.2930, -103.5780, 26.9340

Conversions

Conversions Part 2

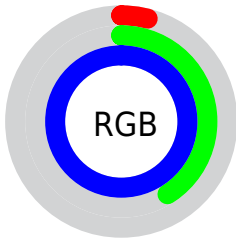
Format	Color
RYB	11, 78, 254
Decimal	747774
CIELab	48.42, 33.80, -80.62
CIELCh	48, 87.417, 292.749
Yxy	17.1275, 0.1690, 0.1260
Android (android.graphics.Color)	4278937854 (0xFF0B68FE)
YUV	93.2930, 79.2286, -72.1710
Hunter-Lab	41.3854, 26.6810, -108.3633

Details

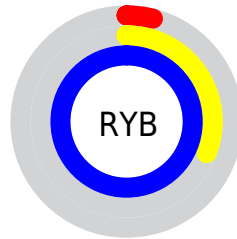
The Hex color **0B68FE** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FEA10B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **739AFF**, and **003BC4** is the 20% darker color. If you saturate the color by 10%, you get **0061FE**, and if you desaturate by 10%, it is **2478FE**.

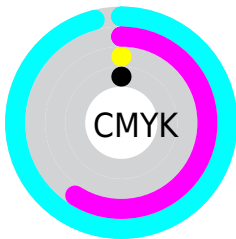
Distribution



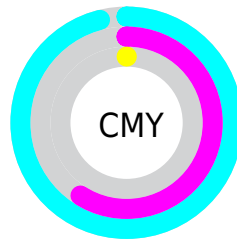
- Red (4%)
- Green (41%)
- Blue (100%)



- Red (4%)
- Yellow (31%)
- Blue (100%)



- Cyan (96%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B68FE 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 0B68FE by changing the saturation by 10% instead.

 0B68FE

 0B68FE

FFFFFF

 0051E1

 739AFF

 003BC4

 95B5FF

 0027A8

 B6D0FF

 00168D

 D6EDFF

 000172

 F6FFFF

 000D59

 000740

 000329

 000113

■ 0B68FE

■ 0B68FE

■ 0061FE

■ 2478FE

■ 3E87FE

■ 5797FE

■ 71A7FE

■ 8AB6FE

■ A3C6FE

■ BDD6FE

■ D6E5FE

■ F0F5FE

Harmonies

Analogous

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



0083FF



0B68FE



B637CE

Triad

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



0B68FE



CF4300



008F5E

Complementary

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



0B68FE



FEA10B

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.



008A00



0B68FE



9B6A00

Square

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



0B68FE



EC0040



568000



0091AB

Rectangle

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



0B68FE



DD00A1



568000



008E44

Sweetspot

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



0B68FE



B5D1FF



0BFEA1



536480



000000



808080

Same Dimension

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



0B68FE



0062FF



270BFE



737880



0049BF



001840

Inverse Universe

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



FE0B68



FF0062



E2FE0B



807378



BF0049



400018

Previews

White Background



This preview shows how the Hex color 0B68FE 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 0B68FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

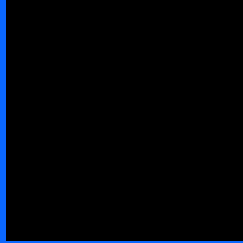
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

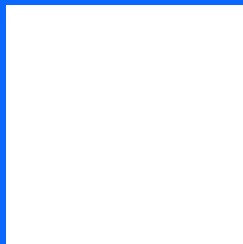
Any Text WCAG AAA × Fail

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

Hex 0B68FE Background



This preview shows how black text looks on a background with the Hex color 0B68FE.



This preview shows how white text looks on a background with the Hex color 0B68FE.

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



Trichromacy



Original Color
0B68FE

Protanomaly
046CF1

Deuteranomaly
0470DC

Monochromacy



Original Color
0B68FE

Achromatopsia
5D5D5D

Achromatomaly
3F6198

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B68FE 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 #0B68FE looks like.

```
.text, #text, p{  
    color:#0B68FE  
}
```

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 #0B68FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B68FE
}
```

Border

The CSS property to change the border of an element to Hex 0B68FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

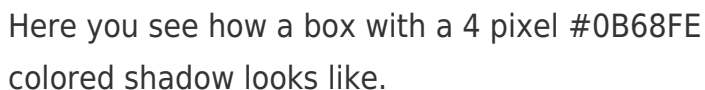
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B68FE }
```

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

```
.border{ border-color:#0B68FE }
```

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



Here you see how a box with a 4 pixel #0B68FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B68FE; -webkit-box-shadow:4px 4px  
4px 4px #0B68FE; box-shadow:4px 4px 4px  
4px #0B68FE }
```

Background

The CSS property to change the background color of an element to Hex 0B68FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B68FE }
```

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

```
.background{ background-color:#0B68FE }
```

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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