

Converting Colors

Hex(0B38F3)

Have a look what the booklet for
Hex(0B38F3) contains.

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Color

Hex(0B38F3)

Conversions

Conversions Part 1

Format	Color
Hex	0B38F3
RGB	11, 56, 243
RGB Percent	4%, 22%, 95%
CMY	0.9569, 0.7804, 0.0471
CMYK	0.95, 0.77, 0.00, 0.05
HSL	228°, 91%, 50%
HSV	228°, 95%, 95%
XYZ	17.7298, 9.3706, 85.6683
YIQ	63.8630, -86.8470, 48.6170

Conversions

Conversions Part 2

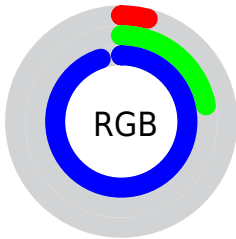
Format	Color
R _Y B	11, 49, 243
Decimal	735475
CIE Lab	36.69, 58.58, -93.79
CIE LCh	37, 110.587, 301.989
Yxy	9.3706, 0.1572, 0.0831
Android (android.graphics.Color)	4278925555 (0xFF0B38F3)
YUV	63.8630, 88.3145, -46.3609
Hunter-Lab	30.6114, 49.8158, -144.4996

Details

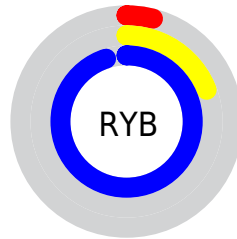
The Hex color **0B38F3** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **F3C60B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7469FF**, and **0009B9** is the 20% darker color. If you saturate the color by 10%, you get **002FF3**, and if you desaturate by 10%, it is **234CF3**.

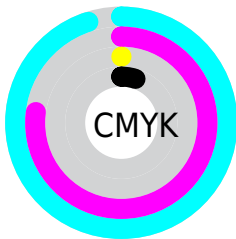
Distribution



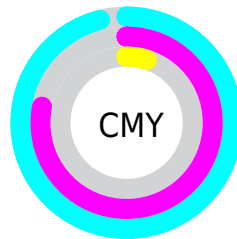
- Red (4%)
- Green (22%)
- Blue (95%)



- Red (4%)
- Yellow (19%)
- Blue (95%)



- Cyan (95%)
- Magenta (77%)
- Yellow (0%)
- Black (5%)



- Cyan (96%)
- Magenta (78%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B38F3 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 0B38F3 by changing the saturation by 10% instead.

 0B38F3

 0B38F3

FFFFFF

 0020D6

 7469FF

 0009B9

 9783FF

 00009D

 B89EFF

 000082

 D8B9FF

 001068

 F8D5FF

 000A4E

 FFF2FF

 000537

 000220

 000005

■ 0B38F3

■ 0B38F3

■ 002FF3

■ 234CF3

■ 3C5FF3

■ 5473F3

■ 6C86F3

■ 849AF3

■ 9DAEF3

■ B5C1F3

■ CDD5F3

■ E6E8F3

Harmonies

Analogous

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



0065FF



0B38F3



BC00AC

Triad

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



0B38F3



A82200



00725B

Complementary

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



0B38F3



F3C60B

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.



006F00



0B38F3



655600

Square

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



0B38F3



D50000



006900



0075B5

Rectangle

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



0B38F3



DC0072



006900



00713B

Sweetspot

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



0B38F3



B5C3FF



0BF3C5



535C80



000000



808080

Same Dimension

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



0B38F3



0031FF



510BF3



6E717A



0024BA



000B3B

Inverse Universe

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



F30B38



FF0031



ADF30B



7A6E71



BA0024



3B000B

Previews

White Background



This preview shows how the Hex color 0B38F3 looks on a white background.

Color Contrast Check

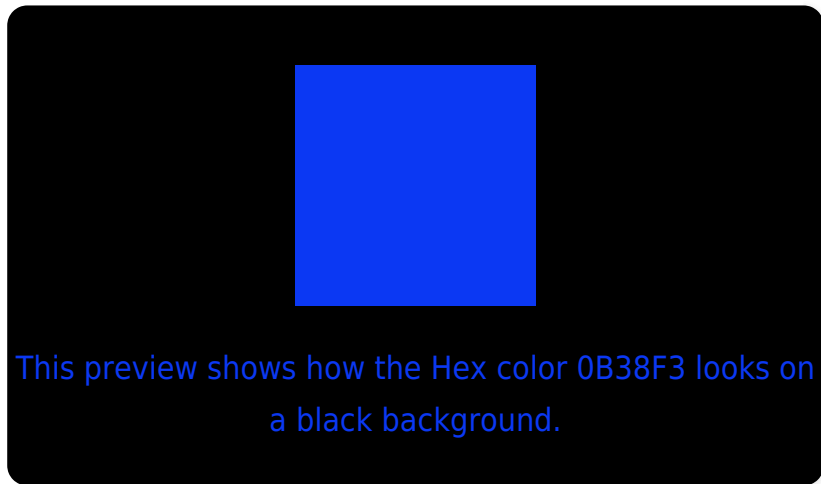
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

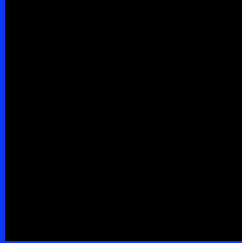
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0B38F3 Background



This preview shows how black text looks on a background with the Hex color 0B38F3.

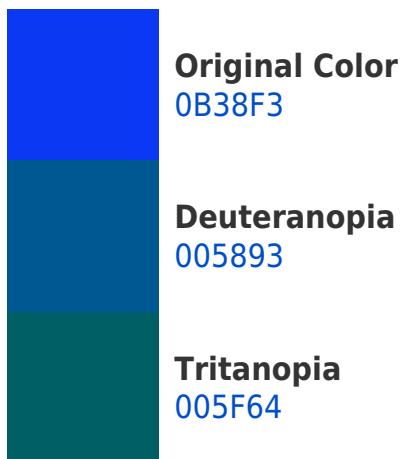


This preview shows how white text looks on a background with the Hex color 0B38F3.

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
0B38F3

Deuteranomaly
044CB6

Tritanomaly
045198

Monochromacy



Original Color
0B38F3

Achromatopsia
404040

Achromatomaly
2D3D81

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B38F3 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 #0B38F3 looks like.

```
.text, #text, p{  
    color:#0B38F3  
}
```

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 #0B38F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B38F3
}
```

Border

The CSS property to change the border of an element to Hex 0B38F3 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".

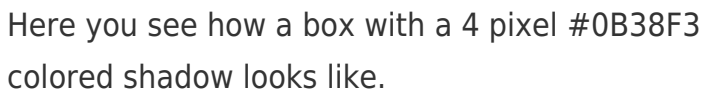
```
.border, #border, table{ border:4px solid
#0B38F3 }
```

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

```
.border{ border-color:#0B38F3 }
```

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

Here you see how a box with a 4 pixel #0B38F3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B38F3; -webkit-box-shadow:4px 4px  
4px 4px #0B38F3; box-shadow:4px 4px 4px  
4px #0B38F3 }
```

Background

The CSS property to change the background color of an element to Hex 0B38F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B38F3 }
```

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

```
.background{ background-color:#0B38F3 }
```

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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