

Converting Colors

Hex(0836F2)

Have a look what the booklet for
Hex(0836F2) contains.

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Color

Hex(0836F2)

Conversions

Conversions Part 1

Format	Color
Hex	0836F2
RGB	8, 54, 242
RGB Percent	3%, 21%, 95%
CMY	0.9686, 0.7882, 0.0510
CMYK	0.97, 0.78, 0.00, 0.05
HSL	228°, 94%, 49%
HSV	228°, 97%, 95%
XYZ	17.4463, 9.1008, 84.8415
YIQ	61.6780, -87.7640, 48.7160

Conversions

Conversions Part 2

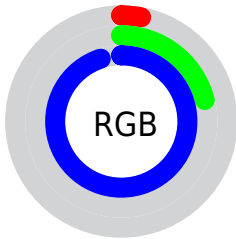
Format	Color
R _Y B	8, 46, 242
Decimal	538354
CIE Lab	36.18, 59.25, -94.08
CIE LCh	36, 111.184, 302.204
Yxy	9.1008, 0.1566, 0.0817
Android (android.graphics.Color)	4278728434 (0xFF0836F2)
YUV	61.6780, 88.8987, -47.0756
Hunter-Lab	30.1675, 50.4363, -145.6270

Details

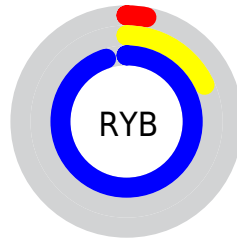
The Hex color **0836F2** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **F2C408**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7467FF**, and **0006B8** is the 20% darker color. If you saturate the color by 10%, you get **0030F2**, and if you desaturate by 10%, it is **2049F2**.

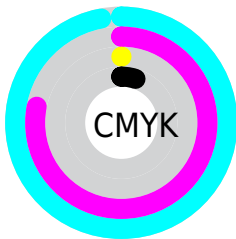
Distribution



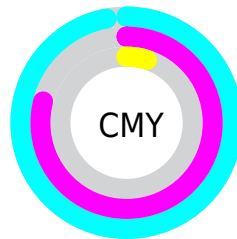
- Red (3%)
- Green (21%)
- Blue (95%)



- Red (3%)
- Yellow (18%)
- Blue (95%)



- Cyan (97%)
- Magenta (78%)
- Yellow (0%)
- Black (5%)



- Cyan (97%)
- Magenta (79%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0836F2 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 0836F2 by changing the saturation by 10% instead.

 0836F2

 0836F2

FFFFFF

 001ED5

 7467FF

 0006B8

 9681FF

 00009C

 B79CFF

 000081

 D8B7FF


 001067

 F8D3FF

 000A4E

 FFF0FF

 000536

 000220

 000003

■ 0836F2

■ 0836F2

■ 0030F2

■ 2049F2

■ 385DF2

■ 5170F2

■ 6984F2

■ 8197F2

■ 99ABF2

■ B1BEF2

■ CAD2F2

■ E2E5F2

Harmonies

Analogous

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



0064FF



0836F2



BB00AB

Triad

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



0836F2



A62000



00715A

Complementary

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



0836F2



F2C408

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.



006E00



0836F2



635500

Square

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



0836F2



D40000



006800



0073B5

Rectangle

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



0836F2



DB0071



006800



00703A

Sweetspot

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



0836F2



B5C4FF



08F2C3



535C80



000000



808080

Same Dimension

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



0836F2



0032FF



4E08F2



6C6E78



0024B8



000B38

Inverse Universe

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



F20836



FF0032



ACF208



786C6E



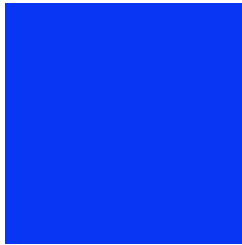
B80024



38000B

Previews

White Background



This preview shows how the Hex color 0836F2 looks on a white background.

Color Contrast Check

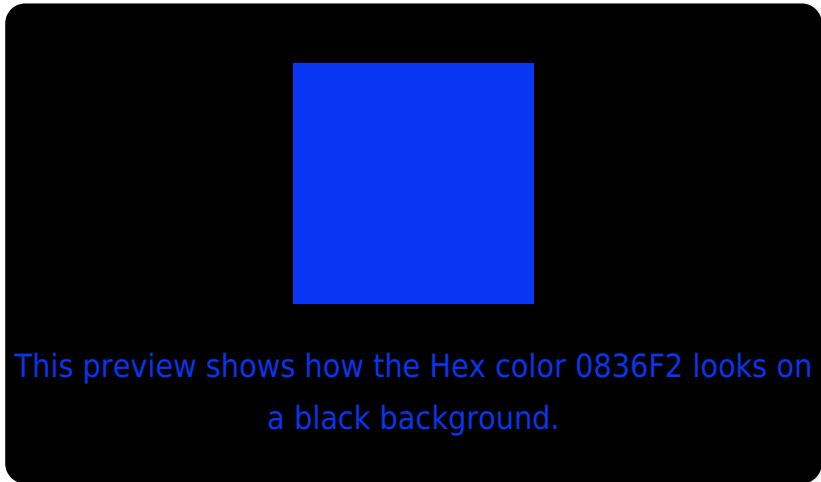
Large Text (above 18pt) WCAG AA ✓ Pass

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

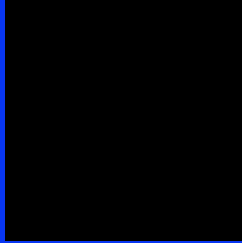
Any Text WCAG AA × Fail

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 0836F2 Background



This preview shows how black text looks on a background with the Hex color 0836F2.



This preview shows how white text looks on a background with the Hex color 0836F2.

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
0836F2

Protanopia
0051AB

Deuteranopia
005791



Tritanopia
005E62

Trichromacy



Original Color
0836F2

Protanomaly
0347C5

Deuteranomaly
034BB4

Tritanomaly
034F96

Monochromacy



Original Color
0836F2

Achromatopsia
3E3E3E

Achromatomaly
2A3B7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0836F2 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 #0836F2 looks like.

```
.text, #text, p{  
    color:#0836F2  
}
```

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 #0836F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0836F2
}
```

Border

The CSS property to change the border of an element to Hex 0836F2 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
#0836F2 }
```

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

```
.border{ border-color:#0836F2 }
```

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

Here you see how a box with a 4 pixel #0836F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0836F2; -webkit-box-shadow:4px 4px  
4px 4px #0836F2; box-shadow:4px 4px 4px  
4px #0836F2 }
```

Background

The CSS property to change the background color of an element to Hex 0836F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0836F2 }
```

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

```
.background{ background-color:#0836F2 }
```

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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