

Converting Colors

Hex(0086F1)

Have a look what the booklet for
Hex(0086F1) contains.

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Color

Hex(0086F1)

Conversions

Conversions Part 1

Format	Color
Hex	0086F1
RGB	0, 134, 241
RGB Percent	0%, 53%, 95%
CMY	1.0000, 0.4745, 0.0549
CMYK	1.00, 0.44, 0.00, 0.05
HSL	207°, 100%, 47%
HSV	207°, 100%, 95%
XYZ	24.4023, 23.4011, 86.4498
YIQ	106.1320, -114.2110, 4.8690

Conversions

Conversions Part 2

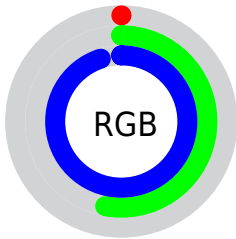
Format	Color
R _{YB}	0, 86, 241
Decimal	34545
CIE Lab	55.48, 9.67, -61.95
CIE LCh	55, 62.699, 278.871
Yxy	23.4011, 0.1818, 0.1743
Android (android.graphics.Color)	4278224625 (0xFF0086F1)
YUV	106.1320, 66.4899, -93.0778
Hunter-Lab	48.3747, 5.3875, -72.0943

Details

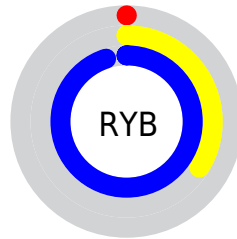
The Hex color **0086F1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **F16B00**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6CBBFF**, and **0055B8** is the 20% darker color. If you saturate the color by 10%, you get **0086F1**, and if you desaturate by 10%, it is **1891F1**.

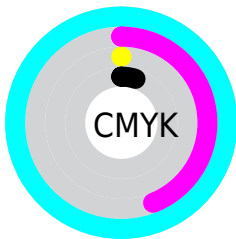
Distribution



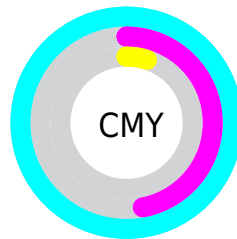
- Red (0%)
- Green (53%)
- Blue (95%)



- Red (0%)
- Yellow (34%)
- Blue (95%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (5%)




- Cyan (100%)
- Magenta (47%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0086F1 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 0086F1 by changing the saturation by 10% instead.

 0086F1

 0086F1

FFFFFF

 006DD4

 6CBBFF

 0055B8

 8ED6FF

 003F9D

 AEF2FF

 002B82

 CEFFFF

 001868

 EDFFFF

 000A4F

 000537

 000221

 000006

■ 0086F1

■ 1891F1

■ 309BF1

■ 48A6F1

■ 60B1F1

■ 78BCF1

■ 91C6F1

■ A9D1F1

■ C1DCF1

■ D9E6F1

Harmonies

Analogous

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



0095EA



0086F1



9B6FDA

Triad

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



0086F1



DD5C43



009B5B

Complementary

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



0086F1



F16B00

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.



559426



0086F1



BE7413

Square

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



0086F1



E64D77



908800



009E94

Rectangle

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



0086F1



C45EBE



908800



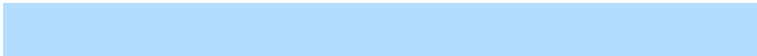
009A49

Sweetspot

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



0086F1



B3DDFF



00F168



526B80



000000



808080

Same Dimension

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



0086F1



008EFF



0010F1



6C7378



0066B8



001F38

Inverse Universe

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



F10086



FF008E



F1E100



786C73



B80066



38001F

Previews

White Background



This preview shows how the Hex color 0086F1 looks on a white background.

Color Contrast Check

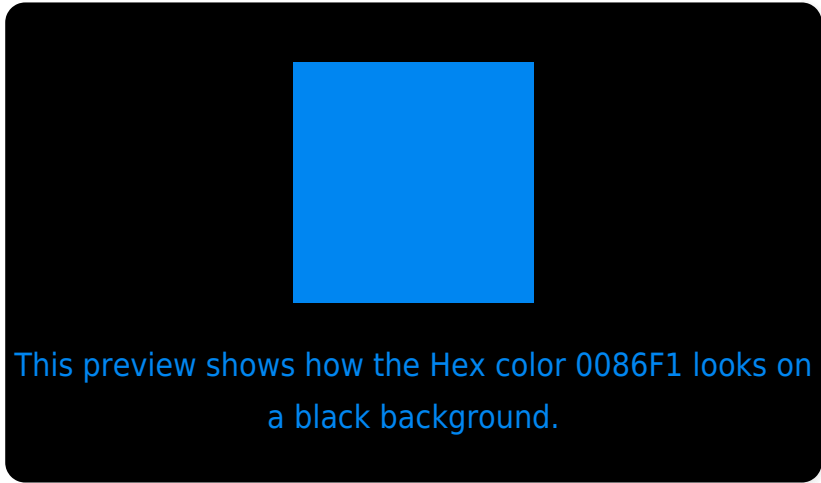
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

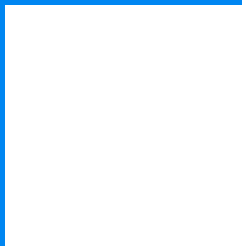
Any Text WCAG AAA × Fail

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

Hex 0086F1 Background



This preview shows how black text looks on a background with the Hex color 0086F1.



This preview shows how white text looks on a background with the Hex color 0086F1.

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
0086F1

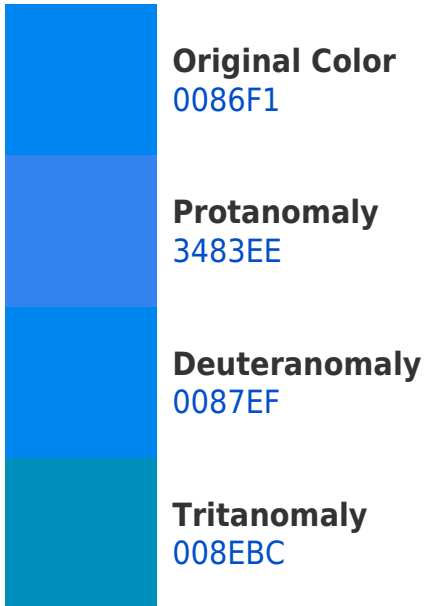
Protanopia
5281EC

Deuteranopia
0087EE



Tritanopia
00939D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0086F1 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 #0086F1 looks like.

```
.text, #text, p{  
    color:#0086F1  
}
```

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 #0086F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0086F1
}
```

Border

The CSS property to change the border of an element to Hex 0086F1 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
#0086F1 }
```

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

```
.border{ border-color:#0086F1 }
```

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

Here you see how a box with a 4 pixel #0086F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0086F1; -webkit-box-shadow:4px 4px  
4px 4px #0086F1; box-shadow:4px 4px 4px  
4px #0086F1 }
```

Background

The CSS property to change the background color of an element to Hex 0086F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0086F1 }
```

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

```
.background{ background-color:#0086F1 }
```

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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