

Converting Colors

Hex(086FFF)

Have a look what the booklet for
Hex(086FFF) contains.

Hex(086FFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(086FFF)

Conversions

Conversions Part 1

Format	Color
Hex	086FFF
RGB	8, 111, 255
RGB Percent	3%, 44%, 100%
CMY	0.9686, 0.5647, 0.0000
CMYK	0.97, 0.56, 0.00, 0.00
HSL	215°, 100%, 52%
HSV	215°, 97%, 100%
XYZ	23.8346, 18.6405, 96.9495
YIQ	96.6190, -107.6120, 22.9480

Conversions

Conversions Part 2

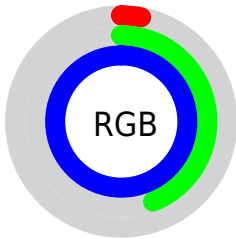
Format	Color
R _Y B	8, 81, 255
Decimal	552959
CIE Lab	50.26, 29.68, -78.16
CIE LCh	50, 83.607, 290.794
Yxy	18.6405, 0.1709, 0.1337
Android (android.graphics.Color)	4278743039 (0xFF086FFF)
YUV	96.6190, 78.0818, -77.7189
Hunter-Lab	43.1746, 22.9853, -102.9146

Details

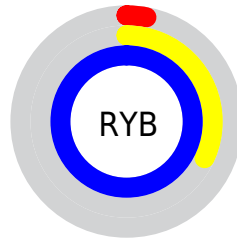
The Hex color **086FFF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FF9808**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **73A2FF**, and **0041C5** is the 20% darker color. If you saturate the color by 10%, you get **006AFF**, and if you desaturate by 10%, it is **217EFF**.

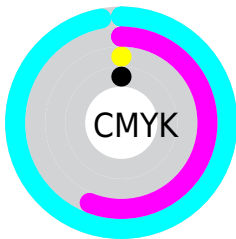
Distribution



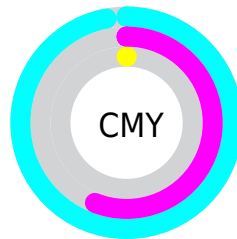
- Red (3%)
- Green (44%)
- Blue (100%)



- Red (3%)
- Yellow (32%)
- Blue (100%)



- Cyan (97%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)





- Cyan (97%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 086FFF 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 086FFF by changing the saturation by 10% instead.

 086FFF

 086FFF

FFFFFF

 0057E2

 73A2FF

 0041C5

 95BDFF

 002CA9

 B6D8FF

 001B8E

 D6F5FF

 000073


 F6FFFF

 000D5A

 000741

 00032A

 000114

 086FFF

 086FFF

 006AFF

 217EFF

 3B8DFF

 559CFF

 6EAAFF

 88B9FF

 A1C8FF

 BBD7FF

 D4E6FF

 EEF5FF

Harmonies

Analogous

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



0087FF



086FFF



B445D3

Triad

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



086FFF



D44800



00935F

Complementary

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



086FFF



FF9808

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.



008E00



086FFF



A46D00

Square

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



086FFF



EE004A



638300



0095A9

Rectangle

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



086FFF



DC17A8



638300



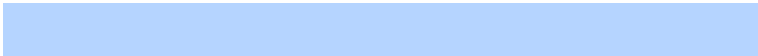
009245

Sweetspot

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



086FFF



B5D4FF



08FF94



536580



000000



808080

Same Dimension

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



086FFF



006AFF



1808FF



737880



0050BF



001B40

Inverse Universe

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



FF086F



FF006A



FFFF08



807378



BF0050



40001B

Previews

White Background



This preview shows how the Hex color 086FFF looks on a white background.

Color Contrast Check

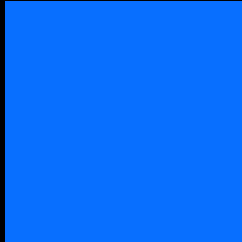
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 086FFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

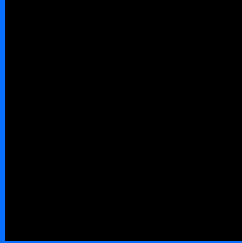
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

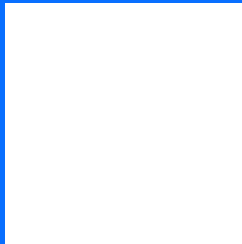
Any Text WCAG AAA × Fail

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

Hex 086FFF Background



This preview shows how black text looks on a background with the Hex color 086FFF.



This preview shows how white text looks on a background with the Hex color 086FFF.

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
086FFF

Protanomaly
0371F7

Deuteranomaly
0376E2

Monochromacy



Original Color
086FFF

Achromatopsia
616161

Achromatomaly
41669A

CSS Examples

Text

The CSS property to change the color of the text to Hex 086FFF 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 #086FFF looks like.

```
.text, #text, p{  
    color:#086FFF  
}
```

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 #086FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #086FFF
}
```

Border

The CSS property to change the border of an element to Hex 086FFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

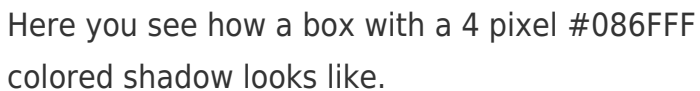
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#086FFF }
```

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

```
.border{ border-color:#086FFF }
```

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



Here you see how a box with a 4 pixel #086FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #086FFF; -webkit-box-shadow:4px 4px  
4px 4px #086FFF; box-shadow:4px 4px 4px  
4px #086FFF }
```

Background

The CSS property to change the background color of an element to Hex 086FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#086FFF }
```

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

```
.background{ background-color:#086FFF }
```

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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