

Converting Colors

Hex(037EFF)

Have a look what the booklet for
Hex(037EFF) contains.

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Color

Hex(037EFF)

Conversions

Conversions Part 1

Format	Color
Hex	037EFF
RGB	3, 126, 255
RGB Percent	1%, 49%, 100%
CMY	0.9882, 0.5059, 0.0000
CMYK	0.99, 0.51, 0.00, 0.00
HSL	211°, 100%, 51%
HSV	211°, 99%, 100%
XYZ	25.5484, 22.1611, 97.5387
YIQ	103.9290, -114.7170, 14.0430

Conversions

Conversions Part 2

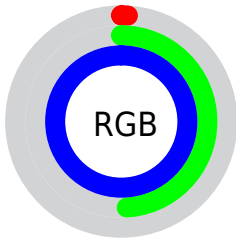
Format	Color
R _Y B	3, 86, 255
Decimal	229119
CIE Lab	54.20, 20.11, -71.77
CIE LCh	54, 74.532, 285.653
Yxy	22.1611, 0.1759, 0.1526
Android (android.graphics.Color)	4278419199 (0xFF037EFF)
YUV	103.9290, 74.4780, -88.5147
Hunter-Lab	47.0755, 14.4917, -89.8937

Details

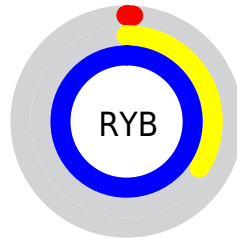
The Hex color **037EFF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **FF8403**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **71B2FF**, and **004EC5** is the 20% darker color. If you saturate the color by 10%, you get **007CFF**, and if you desaturate by 10%, it is **1C8BFF**.

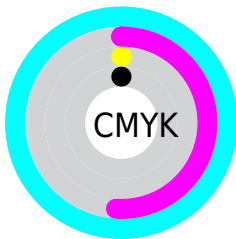
Distribution



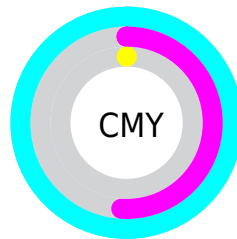
- Red (1%)
- Green (49%)
- Blue (100%)



- Red (1%)
- Yellow (34%)
- Blue (100%)



- Cyan (99%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (99%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 037EFF 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 037EFF by changing the saturation by 10% instead.

 037EFF

 037EFF

FFFFFF

 0066E2

 71B2FF

 004EC5

 93CDFF

 0039A9

 B4E9FF

 00258E

 D4FFFF

 001374

 F4FFFF

 000D5A

 000742

 00032B

 000115

 037EFF

 037EFF

 007CFF

 1C8BFF

 3698FF

 50A5FF

 69B2FF

 83BFFF

 9CCCCF

 B5D9FF

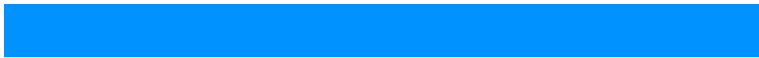
 CFE6FF

 E9F3FF

Harmonies

Analogous

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



0092FF



037EFF



AD5EDD

Triad

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



037EFF



DF5425



009C5F

Complementary

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



037EFF



FF8403

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.



259617



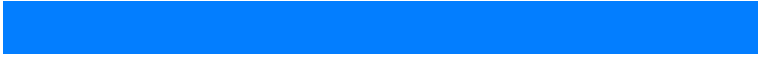
037EFF



B67300

Square

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



037EFF



F13563



7D8900



009EA3

Rectangle

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



037EFF



D646B8



7D8900



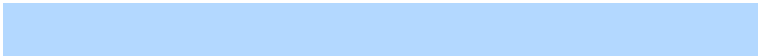
009A49

Sweetspot

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



037EFF



B3D8FF



03FF81



526880



000000



808080

Same Dimension

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



037EFF



007CFF



0303FF



737980



005DBF



001F40

Inverse Universe

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



FF037E



FF007C



FFFF03



807379



BF005D



40001F

Previews

White Background



This preview shows how the Hex color 037EFF looks on a white background.

Color Contrast Check

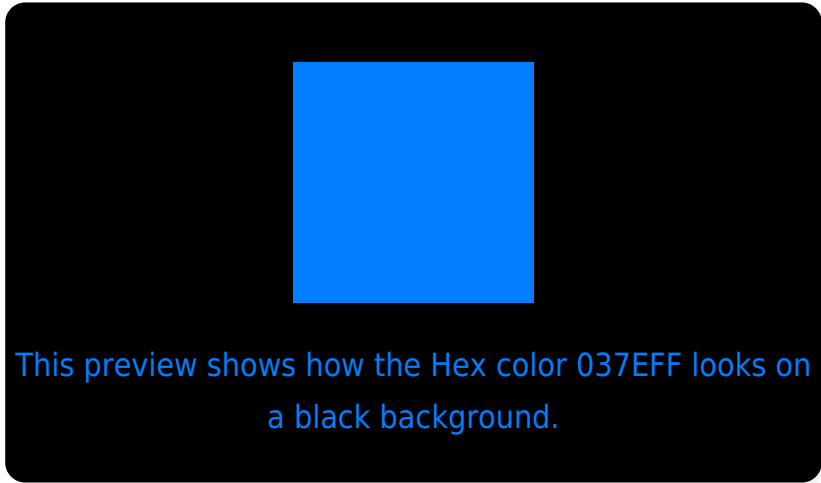
Large Text (above 18pt) WCAG AA ✓ Pass

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

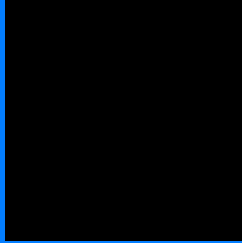
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

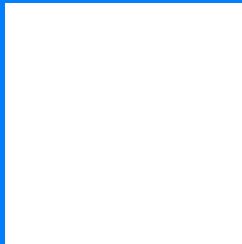
Any Text WCAG AAA × Fail

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

Hex 037EFF Background



This preview shows how black text looks on a background with the Hex color 037EFF.



This preview shows how white text looks on a background with the Hex color 037EFF.

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
037EFF

Protanomaly
207DFE

Deuteranomaly
0182EE

Monochromacy



Original Color
037EFF

Achromatopsia
686868

Achromatomaly
43709F

CSS Examples

Text

The CSS property to change the color of the text to Hex 037EFF 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 #037EFF looks like.

```
.text, #text, p{  
    color:#037EFF  
}
```

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 #037EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037EFF
}
```

Border

The CSS property to change the border of an element to Hex 037EFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

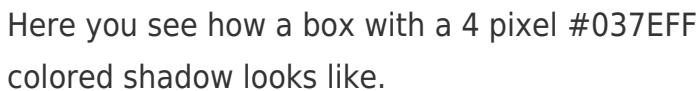
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#037EFF }
```

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

```
.border{ border-color:#037EFF }
```

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



Here you see how a box with a 4 pixel #037EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037EFF; -webkit-box-shadow:4px 4px  
4px 4px #037EFF; box-shadow:4px 4px 4px  
4px #037EFF }
```

Background

The CSS property to change the background color of an element to Hex 037EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037EFF }
```

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

```
.background{ background-color:#037EFF }
```

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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