

# Converting Colors

Hex(176EFF)

Have a look what the booklet for  
Hex(176EFF) contains.

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# Color

**Hex(176EFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	176EFF
RGB	23, 110, 255
RGB Percent	9%, 43%, 100%
CMY	0.9098, 0.5686, 0.0000
CMYK	0.91, 0.57, 0.00, 0.00
HSL	218°, 100%, 55%
HSV	218°, 91%, 100%
XYZ	23.9793, 18.5540, 96.9252
YIQ	100.5170, -98.3970, 26.6510

# Conversions

## Conversions Part 2

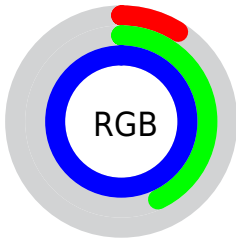
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	23, 86, 255
Decimal	1535743
CIE Lab	50.16, 30.76, -78.32
CIE LCh	50, 84.146, 291.442
Yxy	18.5540, 0.1719, 0.1330
Android (android.graphics.Color)	4279725823 (0xFF176EFF)
YUV	100.5170, 76.1601, -67.9824
Hunter-Lab	43.0744, 23.9899, -103.2612

# Details

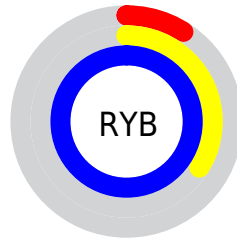
The Hex color **176EFF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FFA817**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **76A1FF**, and **0040C5** is the 20% darker color. If you saturate the color by 10%, you get **0060FF**, and if you desaturate by 10%, it is **317EFF**.

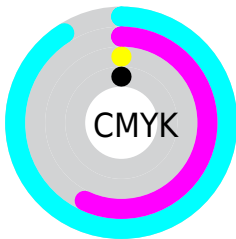
# Distribution



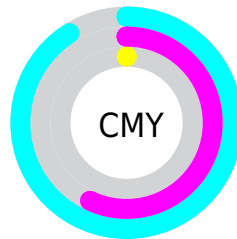
- Red (9%)
- Green (43%)
- Blue (100%)



- Red (9%)
- Yellow (34%)
- Blue (100%)



- Cyan (91%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (57%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 176EFF 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 176EFF by changing the saturation by 10% instead.



 176EFF

FFFFFF

 76A1FF

 98BCFF

 B8D7FF

 D8F3FF

 F8FFFF

 176EFF

 0056E2

 0040C5

 002BA9

 001A8E

 000073

 000D5A

 000741

 00032A

 000114

■ 176EFF

■ 176EFF

■ 0060FF

■ 317EFF

■ 4A8EFF

■ 639EFF

■ 7DAEFF

■ 96BEFF

■ B0CEFF

■ CADEFF

■ E3EEFF

■ FCFDFF

# Harmonies

## Analogous

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



0087FF



176EFF



B643D2

# Triad

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



176EFF



D44800



009360

# Complementary

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



176EFF



FFA817

# 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.



008E01



176EFF



A26D00

# Square

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



176EFF



EE0048



608300



0095AA

# Rectangle

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



176EFF



DD11A7



608300



009246



# Sweetspot

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



176EFF



BAD4FF



17FFA6



576680



000000



808080



# Same Dimension

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



176EFF



0060FF



3217FF



737880



0048BF



001840



# Inverse Universe

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



FF176E



FF0060



E4FF17



807378



BF0048



400018



# Previews

## White Background



This preview shows how the Hex color 176EFF looks on a white background.

## Color Contrast Check

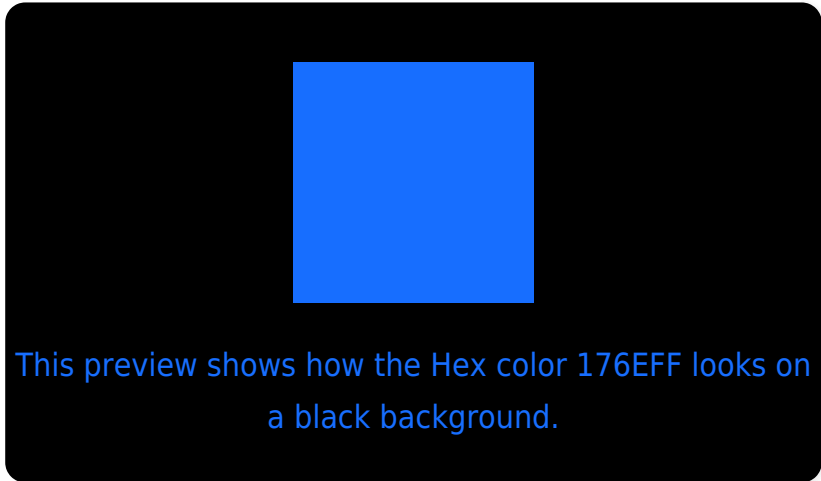
Large Text (above 18pt) WCAG AA ✓ Pass

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

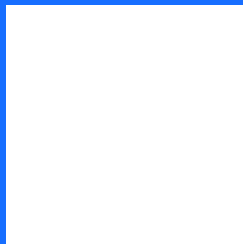
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 176EFF Background



This preview shows how black text looks on a background with the Hex color 176EFF.



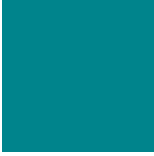
This preview shows how white text looks on a background with the Hex color 176EFF.

# 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](#).

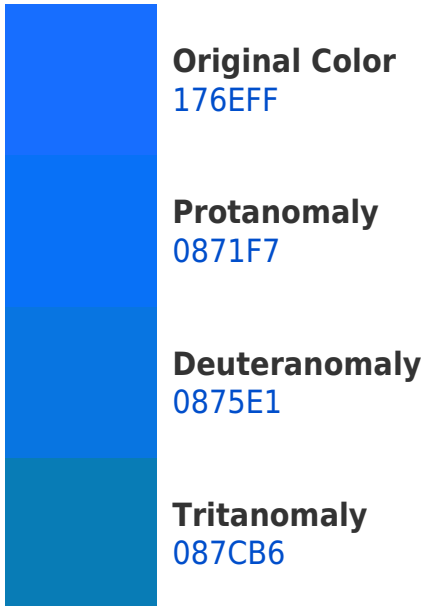
## Dichromacy





**Tritanopia**  
00848C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 176EFF 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 #176EFF looks like.

```
.text, #text, p{  
    color:#176EFF  
}
```

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 #176EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #176EFF
}
```

## Border

The CSS property to change the border of an element to Hex 176EFF 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
#176EFF }
```

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

```
.border{ border-color:#176EFF }
```

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

Here you see how a box with a 4 pixel #176EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #176EFF; -webkit-box-shadow:4px 4px  
4px 4px #176EFF; box-shadow:4px 4px 4px  
4px #176EFF }
```

# Background

The CSS property to change the background color of an element to Hex 176EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#176EFF }
```

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

```
.background{ background-color:#176EFF }
```

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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