

Converting Colors

Hex(3176F7)

Have a look what the booklet for
Hex(3176F7) contains.

Hex(3176F7)	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>	29

Color

Hex(3176F7)

Conversions

Conversions Part 1

Format	Color
Hex	3176F7
RGB	49, 118, 247
RGB Percent	19%, 46%, 97%
CMY	0.8078, 0.5373, 0.0314
CMYK	0.80, 0.52, 0.00, 0.03
HSL	219°, 93%, 58%
HSV	219°, 80%, 97%
XYZ	24.5336, 20.3252, 90.6258
YIQ	112.0750, -82.5330, 25.4910

Conversions

Conversions Part 2

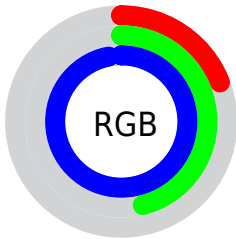
Format	Color
R _Y B	49, 100, 247
Decimal	3241719
CIE Lab	52.20, 24.38, -70.54
CIE LCh	52, 74.633, 289.063
Yxy	20.3252, 0.1811, 0.1500
Android (android.graphics.Color)	4281431799 (0xFF3176F7)
YUV	112.0750, 66.5180, -55.3168
Hunter-Lab	45.0835, 18.2400, -87.6249

Details

The Hex color **3176F7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F7B231**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7EA9FF**, and **0047BE** is the 20% darker color. If you saturate the color by 10%, you get **1866F7**, and if you desaturate by 10%, it is **4A86F7**.

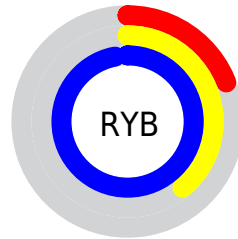
Distribution



Red (19%)

Green (46%)

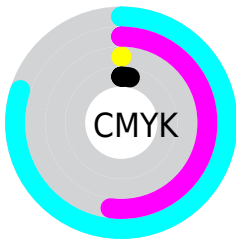
Blue (97%)



Red (19%)

Yellow (39%)

Blue (97%)

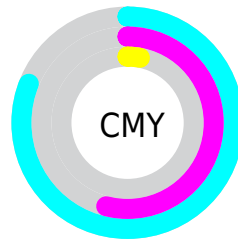


Cyan (80%)

Magenta (52%)

Yellow (0%)

Black (3%)



Cyan (81%)


Magenta (54%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3176F7 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 3176F7 by changing the saturation by 10% instead.

 3176F7

 3176F7

FFFFFF

 005EDA

 7EA9FF

 0047BE

 9EC4FF

 0032A2

 BDE0FF

 001F87

 DDFDFF

 00086D

 FCFFFF

 000B53

 00063B

 000225

 00010D

■ 3176F7

■ 3176F7

■ 1866F7

■ 4A86F7

■ 0056F7

■ 6296F7

■ 7BA6F7

■ 94B6F7

■ ADC6F7

■ C5D7F7

■ DEE7F7

■ F7F7F7

■ FFFFF7

Harmonies

Analogous

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



008BFB



3176F7



B055D1

Triad

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



3176F7



D55317



009762

Complementary

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



3176F7



F7B231

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.



00911B



3176F7



AA7100

Square

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



3176F7



EA3057



708600



0098A5

Rectangle

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



3176F7



D63BAC



708600



00954C

Sweetspot

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



3176F7



C2D7FF



31F7B2



5B6780



000000



808080

Same Dimension

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



3176F7



0A60FF



4F31F7



6E727A



0041BA



00143B

Inverse Universe

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



F73176



FF0A60



D9F731



7A6E72



BA0041



3B0014

Previews

White Background



This preview shows how the Hex color 3176F7 looks on a white background.

Color Contrast Check

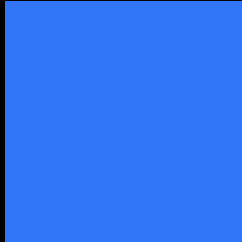
Large Text (above 18pt) WCAG AA ✓ Pass

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 3176F7 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

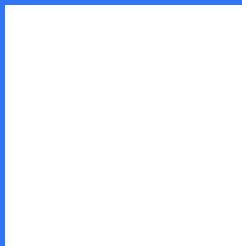
Any Text WCAG AAA × Fail

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

Hex 3176F7 Background



This preview shows how black text looks on a background with the Hex color 3176F7.



This preview shows how white text looks on a background with the Hex color 3176F7.

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
008993

Trichromacy



Original Color
3176F7

Protanomaly
2777F8

Deuteranomaly
127BE5

Tritanomaly
1282B7

Monochromacy



Original Color
3176F7

Achromatopsia
707070

Achromatomaly
5972A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 3176F7 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 #3176F7 looks like.

```
.text, #text, p{  
    color:#3176F7  
}
```

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 #3176F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3176F7
}
```

Border

The CSS property to change the border of an element to Hex 3176F7 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
#3176F7 }
```

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

```
.border{ border-color:#3176F7 }
```

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

Here you see how a box with a 4 pixel #3176F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3176F7; -webkit-box-shadow:4px 4px  
4px 4px #3176F7; box-shadow:4px 4px 4px  
4px #3176F7 }
```

Background

The CSS property to change the background color of an element to Hex 3176F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3176F7 }
```

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

```
.background{ background-color:#3176F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor