

# Converting Colors

Hex(3075FE)

Have a look what the booklet for  
Hex(3075FE) contains.

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# Color

**Hex(3075FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3075FE
RGB	48, 117, 254
RGB Percent	19%, 46%, 100%
CMY	0.8118, 0.5412, 0.0039
CMYK	0.81, 0.54, 0.00, 0.00
HSL	220°, 99%, 59%
HSV	220°, 81%, 100%
XYZ	25.4696, 20.5067, 96.3817
YIQ	111.9870, -85.1010, 27.9790

# Conversions

## Conversions Part 2

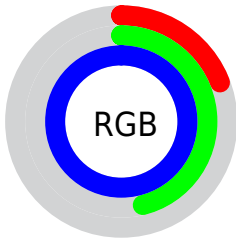
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	48, 100, 254
Decimal	3175934
CIE Lab	52.41, 27.50, -74.09
CIE LCh	52, 79.032, 290.364
Yxy	20.5067, 0.1789, 0.1441
Android (android.graphics.Color)	4281366014 (0xFF3075FE)
YUV	111.9870, 70.0124, -56.1166
Hunter-Lab	45.2843, 21.1475, -94.4919

# Details

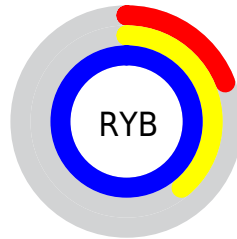
The Hex color **3075FE** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FEB930**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7FA8FF**, and **0046C4** is the 20% darker color. If you saturate the color by 10%, you get **1764FE**, and if you desaturate by 10%, it is **4986FE**.

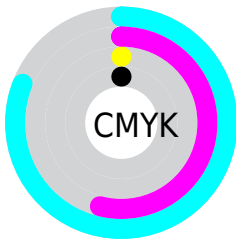
# Distribution



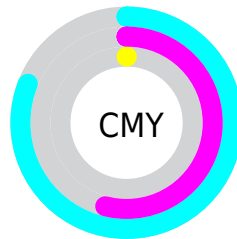
- Red (19%)
- Green (46%)
- Blue (100%)



- Red (19%)
- Yellow (39%)
- Blue (100%)



- Cyan (81%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (54%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3075FE 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 3075FE by changing the saturation by 10% instead.



 3075FE

 3075FE

FFFFFF

 005DE1

 7FA8FF

 0046C4

 9FC3FF

 0031A8

 BFDFFF

 001E8D

 DFFCFF

 000973

 000D59

 000741

 00032A

 000114

■ 3075FE

■ 3075FE

■ 1764FE

■ 4986FE

■ 0055FE

■ 6397FE

■ 7CA8FE

■ 96B9FE

■ AFC9FE

■ C8DAFE

■ E2EBFE

■ FBFCFE

FFFFFE

# Harmonies

## Analogous

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



008CFF



3075FE



B650D5

# Triad

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



3075FE



D85108



009864

# Complementary

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



3075FE



FEB930

# 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.



009316



3075FE



AA7200

# Square

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



3075FE



F02553



6C8800



009AAB

# Rectangle

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



3075FE



DD31AC



6C8800



00974C



# Sweetspot

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



3075FE



C2D6FF



30FEB6



5B6780



000000



808080



# Same Dimension

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



3075FE



085BFF



4F30FE



737780



0040BF



001540



# Inverse Universe

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



FE3075



FF085B



DFFE30



807377



BF0040



400015



# Previews

## White Background



This preview shows how the Hex color 3075FE 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 3075FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

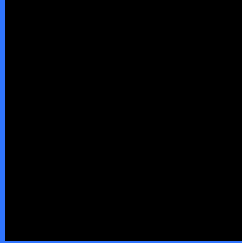
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

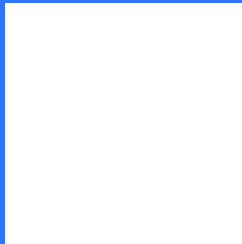
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3075FE Background



This preview shows how black text looks on a background with the Hex color 3075FE.



This preview shows how white text looks on a background with the Hex color 3075FE.

# 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**  
3075FE

**Protanopia**  
0077FE

**Deuteranopia**  
007FDB

# Trichromacy



**Original Color**  
3075FE

**Protanomaly**  
1176FE

**Deuteranomaly**  
117BE8

# Monochromacy



**Original Color**  
3075FE

**Achromatopsia**  
707070

**Achromatomaly**  
5972A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3075FE 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 #3075FE looks like.

```
.text, #text, p{  
    color:#3075FE  
}
```

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 #3075FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3075FE
}
```

## Border

The CSS property to change the border of an element to Hex 3075FE 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
#3075FE }
```

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

```
.border{ border-color:#3075FE }
```

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

Here you see how a box with a 4 pixel #3075FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3075FE; -webkit-box-shadow:4px 4px  
4px 4px #3075FE; box-shadow:4px 4px 4px  
4px #3075FE }
```

# Background

The CSS property to change the background color of an element to Hex 3075FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3075FE }
```

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

```
.background{ background-color:#3075FE }
```

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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