

# Converting Colors

Hex(3065FF)

Have a look what the booklet for  
Hex(3065FF) contains.

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**Color**

**Hex(3065FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3065FF
RGB	48, 101, 255
RGB Percent	19%, 40%, 100%
CMY	0.8118, 0.6039, 0.0000
CMYK	0.81, 0.60, 0.00, 0.00
HSL	225°, 100%, 59%
HSV	225°, 81%, 100%
XYZ	23.9226, 17.1557, 96.6583
YIQ	102.7090, -81.0220, 36.6580

# Conversions

## Conversions Part 2

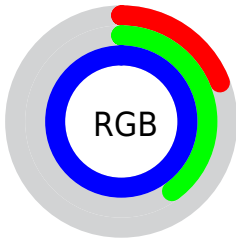
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	48, 90, 255
Decimal	3171839
CIE Lab	48.46, 37.86, -81.09
CIE LCh	48, 89.490, 295.030
Yxy	17.1557, 0.1737, 0.1246
Android (android.graphics.Color)	4281361919 (0xFF3065FF)
YUV	102.7090, 75.0795, -47.9798
Hunter-Lab	41.4195, 30.6119, -109.3680

# Details

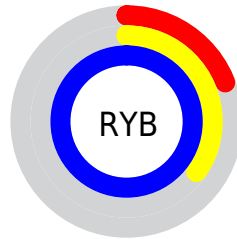
The Hex color **3065FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FFCA30**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8097FF**, and **0037C5** is the 20% darker color. If you saturate the color by 10%, you get **1752FF**, and if you desaturate by 10%, it is **4A78FF**.

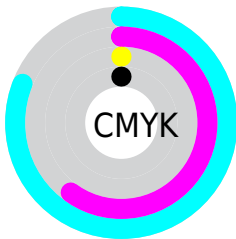
# Distribution



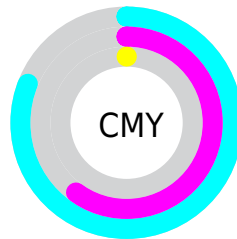
- Red (19%)
- Green (40%)
- Blue (100%)



- Red (19%)
- Yellow (35%)
- Blue (100%)



- Cyan (81%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (60%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3065FF 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 3065FF by changing the saturation by 10% instead.



 3065FF

 3065FF

FFFFFF

 004DE2

 8097FF

 0037C5

 A1B2FF

 0023A9

 C1CDFF

 00138E

 E1EAFB

 000073

 000D59

 000741

 00032A

 000114

■ 3065FF

■ 3065FF

■ 1752FF

■ 4A78FF

■ 0041FF

■ 638BFF

■ 7D9EFF

■ 96B1FF

■ B0C4FF

■ C9D7FF

■ E3EAFF

■ FCFDFF

FFFFFF

# Harmonies

## Analogous

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



0082FF



3065FF



BE2ECB

# Triad

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



3065FF



CD4500



009064

# Complementary

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



3065FF



FFCA30

# 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.



008B00



3065FF



976C00

# Square

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



3065FF



ED0039



4E8100



0091B2

# Rectangle

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



3065FF



E2009C



4E8100



008F49



# Sweetspot

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



3065FF



C2D1FF



30FFC8



5B6480



000000



808080



# Same Dimension

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



3065FF



0847FF



6030FF



737680



0031BF



001040



# Inverse Universe

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



FF3065



FF0847



CFFF30



807376



BF0031



400010



# Previews

## White Background



This preview shows how the Hex color 3065FF looks on a white background.

## Color Contrast Check

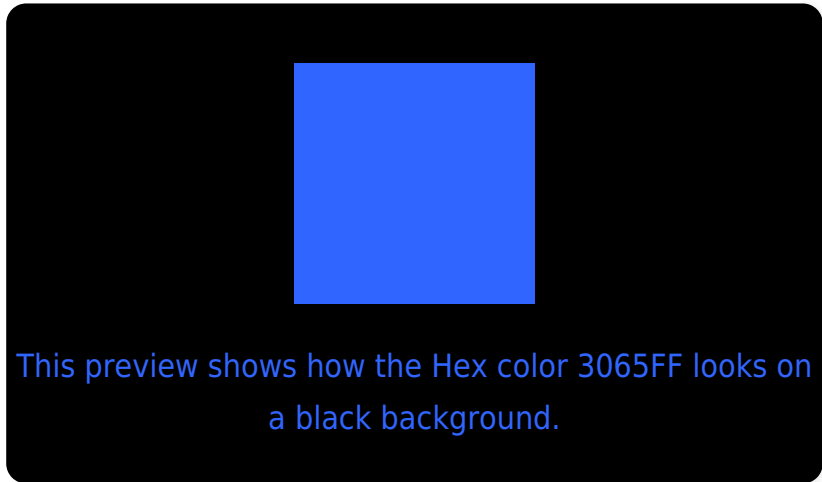
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

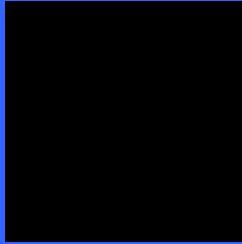
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3065FF Background



This preview shows how black text looks on a background with the Hex color 3065FF.

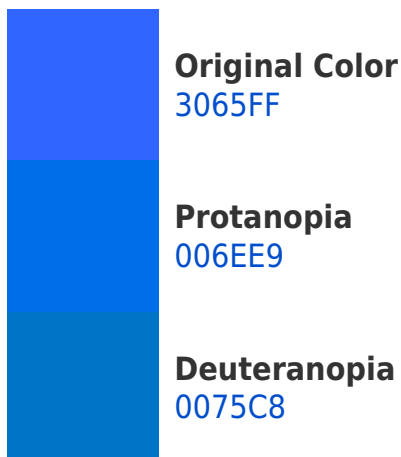


This preview shows how white text looks on a background with the Hex color 3065FF.

# 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**  
007F87

# Trichromacy



**Original Color**  
3065FF

**Protanomaly**  
116BF1

**Deuteranomaly**  
116FDC

**Tritanomaly**  
1176B3

# Monochromacy



**Original Color**  
3065FF

**Achromatopsia**  
676767

**Achromatomaly**  
53669E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3065FF 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 #3065FF looks like.

```
.text, #text, p{  
    color:#3065FF  
}
```

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 #3065FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3065FF
}
```

## Border

The CSS property to change the border of an element to Hex 3065FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

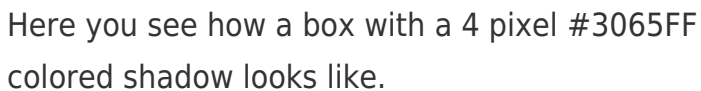
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3065FF }
```

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

```
.border{ border-color:#3065FF }
```

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



Here you see how a box with a 4 pixel #3065FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3065FF; -webkit-box-shadow:4px 4px  
4px 4px #3065FF; box-shadow:4px 4px 4px  
4px #3065FF }
```

# Background

The CSS property to change the background color of an element to Hex 3065FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3065FF }
```

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

```
.background{ background-color:#3065FF }
```

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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