

# Converting Colors

Hex(0036FF)

Have a look what the booklet for  
Hex(0036FF) contains.

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# Color

**Hex(0036FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0036FF
RGB	0, 54, 255
RGB Percent	0%, 21%, 100%
CMY	1.0000, 0.7882, 0.0000
CMYK	1.00, 0.79, 0.00, 0.00
HSL	227°, 100%, 50%
HSV	227°, 100%, 100%
XYZ	19.3692, 9.8583, 95.4897
YIQ	60.7680, -96.7050, 51.0630

# Conversions

## Conversions Part 2

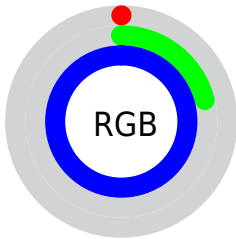
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 45, 255
Decimal	14079
CIE Lab	37.59, 63.26, -99.05
CIE LCh	38, 117.523, 302.564
Yxy	9.8583, 0.1553, 0.0790
Android (android.graphics.Color)	4278204159 (0xFF0036FF)
YUV	60.7680, 95.7564, -53.2935
Hunter-Lab	31.3980, 55.1688, -158.3383

# Details

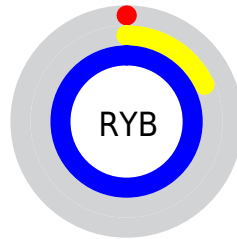
The Hex color **0036FF** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FFC900**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **7668FF**, and **0003C4** is the 20% darker color. If you saturate the color by 10%, you get **0036FF**, and if you desaturate by 10%, it is **194AFF**.

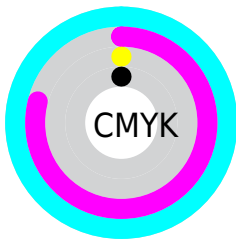
# Distribution



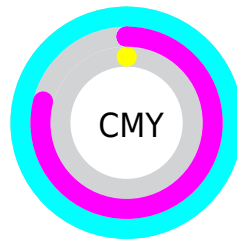
- Red (0%)
- Green (21%)
- Blue (100%)



- Red (0%)
- Yellow (18%)
- Blue (100%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0036FF 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 0036FF by changing the saturation by 10% instead.



 0036FF

 0036FF

FFFFFF

 001EE1

 7668FF

 0003C4

 9A82FF

 0000A8

 BB9DFF

 00008D

 DCB8FF

 000E72

 FDD4FF

 000C58

 FFF1FF

 000740

 000329

 000113

 0036FF

 194AFF

 335EFF

 4D72FF

 6686FF

 809BFF

 99AFFF

 B3C3FF

 CCD7FF

 E6EBFF

# Harmonies

## Analogous

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



0069FF



0036FF



C600B3

# Triad

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



0036FF



AD2000



00755F

# Complementary

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



0036FF



FFC900

# 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.



007300



0036FF



665900

# Square

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



0036FF



DE0000



006C00



0078BF

# Rectangle

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



0036FF



E70075



006C00



00753D



# Sweetspot

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



0036FF



B3C3FF



00FFC8



525B80



000000



808080



# Same Dimension

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



0036FF



4800FF



737580



0029BF



000E40

# Inverse Universe

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



FF0036



B7FF00



807375



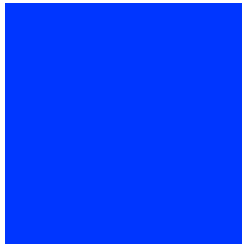
BF0029



40000E

# Previews

## White Background



This preview shows how the Hex color 0036FF looks on a white background.

## Color Contrast Check

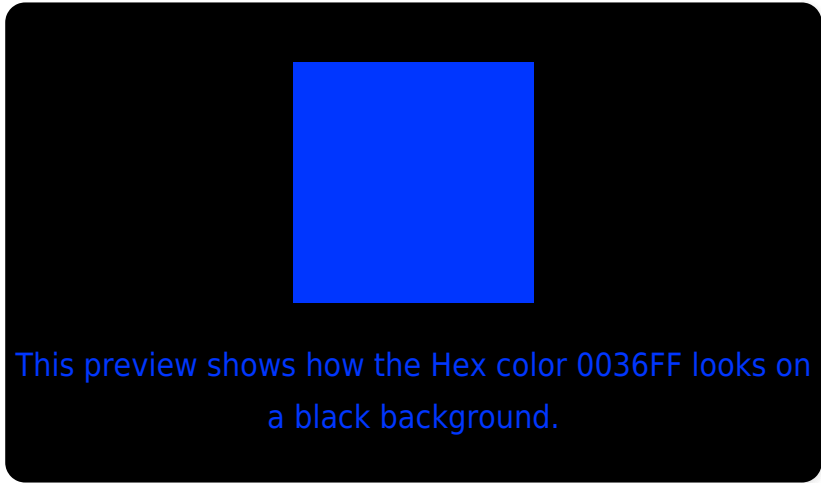
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

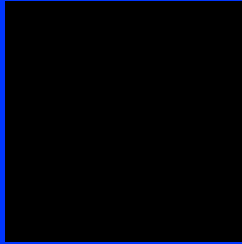
Any Text WCAG AA × Fail

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 0036FF Background



This preview shows how black text looks on a background with the Hex color 0036FF.



This preview shows how white text looks on a background with the Hex color 0036FF.

# 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**  
0036FF

**Protanomaly**  
004ACE

**Deuteranomaly**  
004DBD

# Monochromacy



**Original Color**  
0036FF

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
273A84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0036FF 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 #0036FF looks like.

```
.text, #text, p{  
    color:#0036FF  
}
```

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 #0036FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0036FF
}
```

## Border

The CSS property to change the border of an element to Hex 0036FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

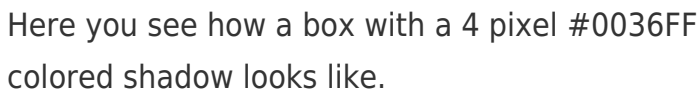
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0036FF }
```

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

```
.border{ border-color:#0036FF }
```

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



Here you see how a box with a 4 pixel #0036FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0036FF; -webkit-box-shadow:4px 4px  
4px 4px #0036FF; box-shadow:4px 4px 4px  
4px #0036FF }
```

# Background

The CSS property to change the background color of an element to Hex 0036FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0036FF }
```

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

```
.background{ background-color:#0036FF }
```

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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