

# Converting Colors

Hex(036FFB)

Have a look what the booklet for  
Hex(036FFB) contains.

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# Color

**Hex(036FFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	036FFB
RGB	3, 111, 251
RGB Percent	1%, 44%, 98%
CMY	0.9882, 0.5647, 0.0157
CMYK	0.99, 0.56, 0.00, 0.02
HSL	214°, 98%, 50%
HSV	214°, 99%, 98%
XYZ	23.1346, 18.3533, 93.5900
YIQ	94.6680, -109.3080, 20.6440

# Conversions

## Conversions Part 2

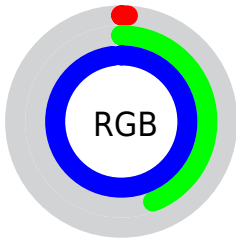
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">3, 78, 251</a>
Decimal	<a href="#">225275</a>
CIELab	<a href="#">49.92, 28.04, -76.50</a>
CIELCh	<a href="#">50, 81.478, 290.128</a>
Yxy	<a href="#">18.3533, 0.1713, 0.1359</a>
Android (android.graphics.Color)	<a href="#">4278415355</a> ( <a href="#">0xFF036FFB</a> )
YUV	<a href="#">94.6680, 77.0717, -80.3928</a>
Hunter-Lab	<a href="#">42.8407, 21.4212, -99.5367</a>

# Details

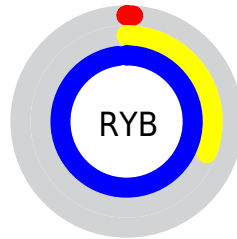
The Hex color **036FFB** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FB8F03**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **71A2FF**, and **0041C1** is the 20% darker color. If you saturate the color by 10%, you get **006DFB**, and if you desaturate by 10%, it is **1C7DFB**.

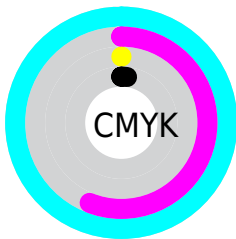
# Distribution



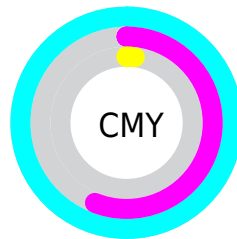
- Red (1%)
- Green (44%)
- Blue (98%)



- Red (1%)
- Yellow (31%)
- Blue (98%)



- Cyan (99%)
- Magenta (56%)
- Yellow (0%)
- Black (2%)



- Cyan (99%)
- Magenta (56%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 036FFB 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 036FFB by changing the saturation by 10% instead.



 036FFB

 036FFB

FFFFFF

 0057DE

 71A2FF

 0041C1

 93BDFF

 002CA5

 B3D8FF

 001B8A

 D3F4FF

 000070

 F3FFFF

 000C56

 00063E

 000327

 000111

■ 036FFB

■ 036FFB

■ 006DFB

■ 1C7DFB

■ 358BFB

■ 4E9AFB

■ 67A8FB

■ 81B6FB

■ 9AC4FB

■ B3D2FB

■ CCE0FB

■ E5EFFB

# Harmonies

## Analogous

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



0086FF



036FFB



B047D1

# Triad

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



036FFB



D24800



00925D

# Complementary

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



036FFB



FB8F03

# 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.



008D02



036FFB



A36C00

# Square

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



036FFB



EB074C



648100



0094A5

# Rectangle

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



036FFB



D820A7



648100



009144



# Sweetspot

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



036FFB



B3D4FF



03FB8B



526680



000000



808080



# Same Dimension

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



036FFB



006FFF



0F03FB



70767D



0052BD



001B3D



# Inverse Universe

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



FB036F



FF006F



FFFB03



7D7076



BD0052



3D001B



# Previews

## White Background



This preview shows how the Hex color 036FFB looks on a white background.

## Color Contrast Check

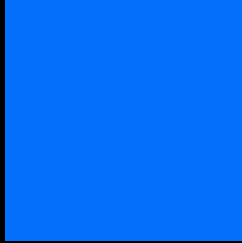
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 036FFB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

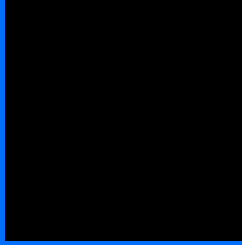
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

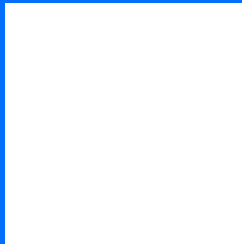
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 036FFB Background



This preview shows how black text looks on a background with the Hex color 036FFB.



This preview shows how white text looks on a background with the Hex color 036FFB.

# 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**  
036FFB

**Protanopia**  
0072F1

**Deuteranopia**  
0079D0



**Tritanopia**  
00838B

# Trichromacy



**Original Color**  
036FFB

**Protanomaly**  
0171F5

**Deuteranomaly**  
0175E0

**Tritanomaly**  
017CB4

# Monochromacy



**Original Color**  
036FFB

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
3E6598

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 036FFB 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 #036FFB looks like.

```
.text, #text, p{  
    color:#036FFB  
}
```

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 #036FFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036FFB
}
```

## Border

The CSS property to change the border of an element to Hex 036FFB is called "border". The border property can be set on classes, ids or directly on the HTML element.

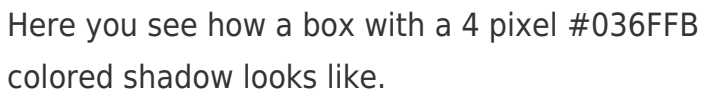
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#036FFB }
```

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

```
.border{ border-color:#036FFB }
```

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



Here you see how a box with a 4 pixel #036FFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036FFB; -webkit-box-shadow:4px 4px  
4px 4px #036FFB; box-shadow:4px 4px 4px  
4px #036FFB }
```

# Background

The CSS property to change the background color of an element to Hex 036FFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036FFB }
```

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

```
.background{ background-color:#036FFB }
```

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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