

Converting Colors

Hex(006FFB)

Have a look what the booklet for
Hex(006FFB) contains.

Hex(006FFB)	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>	28

Color

Hex(006FFB)

Conversions

Conversions Part 1

Format	Color
Hex	006FFB
RGB	0, 111, 251
RGB Percent	0%, 44%, 98%
CMY	1.0000, 0.5647, 0.0157
CMYK	1.00, 0.56, 0.00, 0.02
HSL	213°, 100%, 49%
HSV	213°, 100%, 98%
XYZ	23.0970, 18.3339, 93.5882
YIQ	93.7710, -111.0960, 20.0080

Conversions

Conversions Part 2

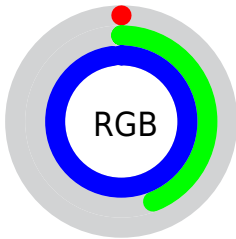
Format	Color
R _Y B	0, 77, 251
Decimal	28667
CIE Lab	49.90, 27.97, -76.54
CIE LCh	50, 81.491, 290.073
Yxy	18.3339, 0.1711, 0.1358
Android (android.graphics.Color)	4278218747 (0xFF006FFB)
YUV	93.7710, 77.5139, -82.2372
Hunter-Lab	42.8181, 21.3551, -99.6184

Details

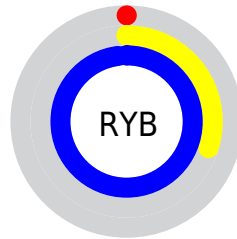
The Hex color **006FFB** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FB8C00**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **70A2FF**, and **0041C1** is the 20% darker color. If you saturate the color by 10%, you get **006FFB**, and if you desaturate by 10%, it is **197DFB**.

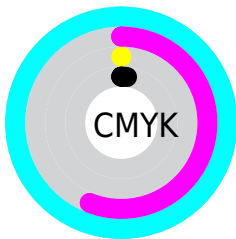
Distribution



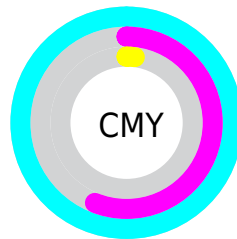
- Red (0%)
- Green (44%)
- Blue (98%)



- Red (0%)
- Yellow (30%)
- Blue (98%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (2%)




- Cyan (100%)
- Magenta (56%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006FFB 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 006FFB by changing the saturation by 10% instead.

 006FFB

 006FFB

FFFFFF

 0057DE

 70A2FF

 0041C1

 92BDFF

 002CA5

 B3D8FF

 001B8A

 D3F4FF


 000070

 F3FFFF

 000C56

 00063E

 000327

 000111

 006FFB

 197DFB

 328BFB

 4B99FB

 64A7FB

 7EB5FB

 97C3FB

 B0D1FB

 C9DFFB

 E2EDFB

Harmonies

Analogous

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



0086FF



006FFB



B047D1

Triad

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



006FFB



D24800



00925C

Complementary

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



006FFB



FB8C00

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.



008D01



006FFB



A46C00

Square

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



006FFB



EB074C



648100



0094A5

Rectangle

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



006FFB



D720A8



648100



009144

Sweetspot

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



006FFB



B3D4FF



00FB8A



526680



000000



808080

Same Dimension

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



006FFB



0071FF



0D00FB



70767D



0053BD



001B3D

Inverse Universe

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



FB006F



FF0071



EEFB00



7D7076



BD0053



3D001B

Previews

White Background



This preview shows how the Hex color 006FFB looks on a white background.

Color Contrast Check

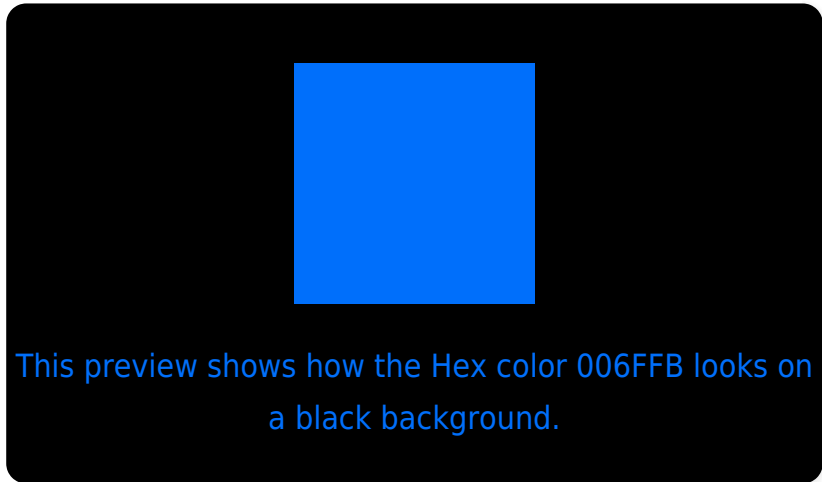
Large Text (above 18pt) WCAG AA ✓ Pass

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

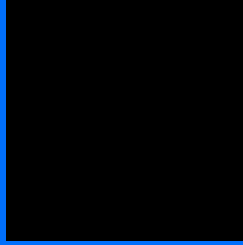
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

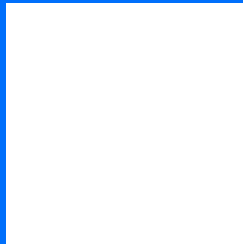
Any Text WCAG AAA × Fail

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

Hex 006FFB Background



This preview shows how black text looks on a background with the Hex color 006FFB.



This preview shows how white text looks on a background with the Hex color 006FFB.

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

006FFB

Protanopia

0072F1

Deuteranopia

0079D0

Trichromacy



Original Color
006FFB

Protanomaly
0071F5

Deuteranomaly
0075E0

Monochromacy



Original Color
006FFB

Achromatopsia
5E5E5E

Achromatomaly
3C6497

CSS Examples

Text

The CSS property to change the color of the text to Hex 006FFB 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 #006FFB looks like.

```
.text, #text, p{  
    color:#006FFB  
}
```

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 #006FFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006FFB
}
```

Border

The CSS property to change the border of an element to Hex 006FFB 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
#006FFB }
```

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

```
.border{ border-color:#006FFB }
```

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

Here you see how a box with a 4 pixel #006FFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006FFB; -webkit-box-shadow:4px 4px  
4px 4px #006FFB; box-shadow:4px 4px 4px  
4px #006FFB }
```

Background

The CSS property to change the background color of an element to Hex 006FFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006FFB }
```

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

```
.background{ background-color:#006FFB }
```

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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