

Converting Colors

Hex(006FEB)

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

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Color

Hex(006FEB)

Conversions

Conversions Part 1

Format	Color
Hex	006FEB
RGB	0, 111, 235
RGB Percent	0%, 44%, 92%
CMY	1.0000, 0.5647, 0.0784
CMYK	1.00, 0.53, 0.00, 0.08
HSL	212°, 100%, 46%
HSV	212°, 100%, 92%
XYZ	20.6798, 17.3670, 80.8595
YIQ	91.9470, -105.9600, 15.0320

Conversions

Conversions Part 2

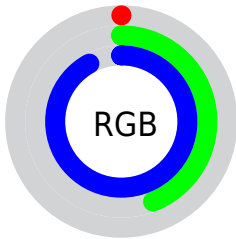
Format	Color
<code>RYB</code>	<code>0, 75, 235</code>
Decimal	<code>28651</code>
CIELab	<code>48.72, 21.77, -69.53</code>
CIElCh	<code>49, 72.857, 287.382</code>
Yxy	<code>17.3670, 0.1739, 0.1461</code>
Android (<code>android.graphics.Color</code>)	<code>4278218731 (0xFF006FEB)</code>
YUV	<code>91.9470, 70.5251, -80.6375</code>
Hunter-Lab	<code>41.6738, 15.6482, -85.8685</code>

Details

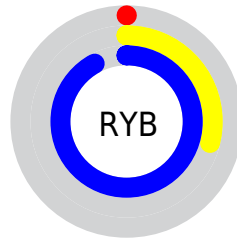
The Hex color **006FEB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **EB7C00**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6CA2FF**, and **0041B2** is the 20% darker color. If you saturate the color by 10%, you get **006FEB**, and if you desaturate by 10%, it is **177BEB**.

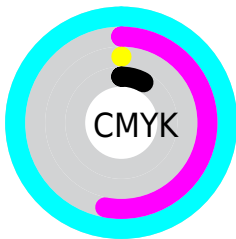
Distribution



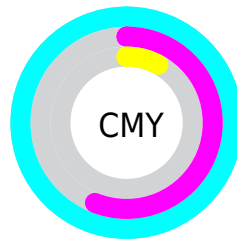
- Red (0%)
- Green (44%)
- Blue (92%)



- Red (0%)
- Yellow (29%)
- Blue (92%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (56%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 006FEB

 006FEB

FFFFFF

 0057CE

 6CA2FF

 0041B2

 8DBDFF

 002C97

 ADD8FF

 001A7C

 CCF4FF

 000362

 ECFFFF

 000949

 000432

 00011C

 000000

■ 006FEB

■ 177BEB

■ 2F88EB

■ 4794EB

■ 5EA1EB

■ 76ADEB

■ 8DB9EB

■ A4C6EB

■ BCD2EB

■ D3DFEB

Harmonies

Analogous

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



0083ED



006FEB



A14FC8

Triad

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



006FEB



CA4915



008D57

Complementary

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



006FEB



EB7C00

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.



00870D



006FEB



A26800

Square

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



006FEB



DD2453



6B7C00



008E97

Rectangle

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



006FEB



C735A4



6B7C00



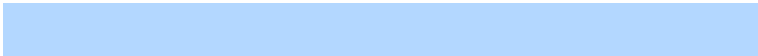
008B41

Sweetspot

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



006FEB



B3D7FF



00EB79



526780



000000



808080

Same Dimension

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



006FEB



0078FF



0400EB



6A6F75



0056B5



001936

Inverse Universe

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



EB006F



FF0078



E7EB00



756A6F



B50056



360019

Previews

White Background



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

Color Contrast Check

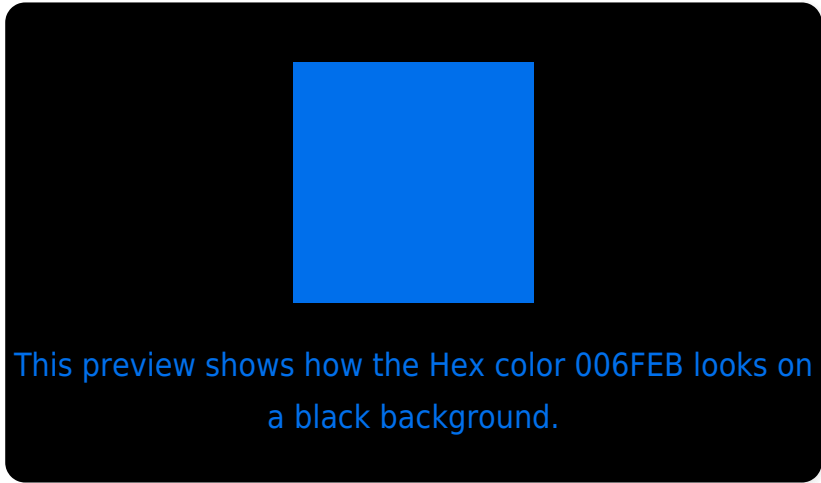
Large Text (above 18pt) WCAG AA ✓ Pass

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

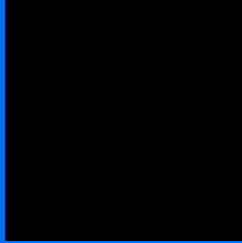
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

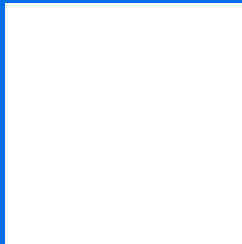
Any Text WCAG AAA × Fail

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

Hex 006FEB Background



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



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

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
006FEB

Protanopia
116FEB

Deuteranopia
0076CC



Tritanopia
008088

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #006FEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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