

# Converting Colors

Hex(007FEB)

Have a look what the booklet for  
Hex(007FEB) contains.

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# Color

Hex(007FEB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007FEB
RGB	0, 127, 235
RGB Percent	0%, 50%, 92%
CMY	1.0000, 0.5020, 0.0784
CMYK	1.00, 0.46, 0.00, 0.08
HSL	208°, 100%, 46%
HSV	208°, 100%, 92%
XYZ	22.5848, 21.1769, 81.4945
YIQ	101.3390, -110.3600, 6.6640

# Conversions

## Conversions Part 2

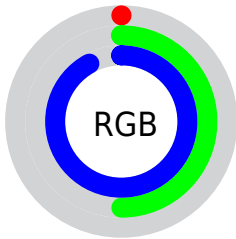
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 82, 235
Decimal	32747
CIE Lab	53.14, 11.66, -62.38
CIE LCh	53, 63.457, 280.591
Yxy	21.1769, 0.1803, 0.1691
Android (android.graphics.Color)	4278222827 (0xFF007FEB)
YUV	101.3390, 65.8949, -88.8743
Hunter-Lab	46.0184, 7.0716, -72.7845

# Details

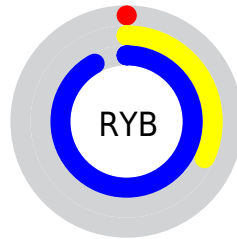
The Hex color **007FEB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **EB6C00**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6BB3FF**, and **004FB2** is the 20% darker color. If you saturate the color by 10%, you get **007FEB**, and if you desaturate by 10%, it is **178AEB**.

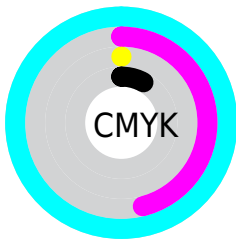
# Distribution



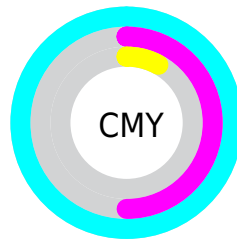
- Red (0%)
- Green (50%)
- Blue (92%)



- Red (0%)
- Yellow (32%)
- Blue (92%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (50%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007FEB 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 007FEB by changing the saturation by 10% instead.



 007FEB

 007FEB

FFFFFF

 0066CE

 6BB3FF

 004FB2

 8CCEFF

 003997

 ACEAFF

 00257D

 CCFFFF

 001163

 EBFFFF

 00094A

 000432

 00021D

 000000

■ 007FEB

■ 178AEB

■ 2F95EB

■ 479FEB

■ 5EAAEB

■ 76B5EB

■ 8DC0EB

■ A4CBEB

■ BCD5EB

■ D3E0EB

# Harmonies

## Analogous

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



008FE6



007FEB



9967D3

# Triad

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



007FEB



D5563A



009658

# Complementary

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



007FEB



EB6C00

# 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.



498F21



007FEB



B56F02

# Square

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



007FEB



E0456E



878300



009891

# Rectangle

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



007FEB



C155B5



878300



009446

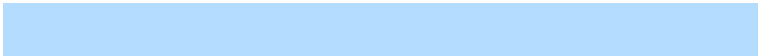


# Sweetspot

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



007FEB



B3DCFF



00EB6A



526A80



000000



808080



# Same Dimension

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



007FEB



008AFF



000CEB



6A7075



0062B5



001D36



# Inverse Universe

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



EB007F



FF008A



EBDF00



756A70



B50062



36001D



# Previews

## White Background



This preview shows how the Hex color 007FEB looks on a white background.

## Color Contrast Check

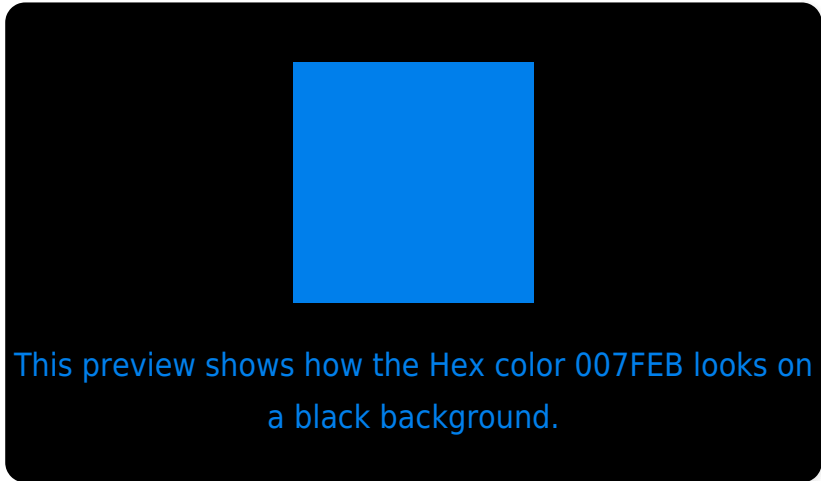
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

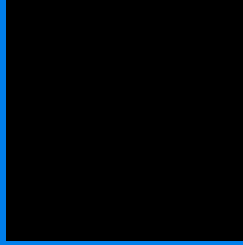
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

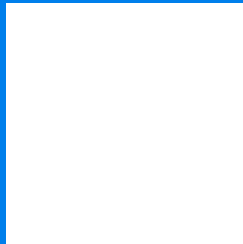
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 007FEB Background



This preview shows how black text looks on a background with the Hex color 007FEB.



This preview shows how white text looks on a background with the Hex color 007FEB.

# 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**  
008C96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007FEB 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 #007FEB looks like.

```
.text, #text, p{  
    color:#007FEB  
}
```

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 #007FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007FEB
}
```

## Border

The CSS property to change the border of an element to Hex 007FEB 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
#007FEB }
```

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

```
.border{ border-color:#007FEB }
```

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

Here you see how a box with a 4 pixel #007FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007FEB; -webkit-box-shadow:4px 4px  
4px 4px #007FEB; box-shadow:4px 4px 4px  
4px #007FEB }
```

# Background

The CSS property to change the background color of an element to Hex 007FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007FEB }
```

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

```
.background{ background-color:#007FEB }
```

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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