

# Converting Colors

Hex(0000FE)

Have a look what the booklet for  
Hex(0000FE) contains.

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# Color

**Hex(0000FE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0000FE
RGB	0, 0, 254
RGB Percent	0%, 0%, 100%
CMY	1.0000, 1.0000, 0.0039
CMYK	1.00, 1.00, 0.00, 0.00
HSL	240°, 100%, 50%
HSV	240°, 100%, 100%
XYZ	17.8894, 7.1558, 94.2043
YIQ	28.9560, -81.5340, 78.9940

# Conversions

## Conversions Part 2

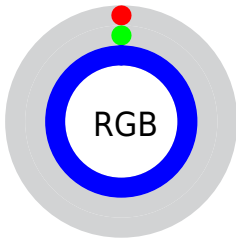
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 0, 254
Decimal	254
CIELab	32.16, 78.96, -107.54
CIELCh	32, 133.418, 306.287
Yxy	7.1558, 0.1500, 0.0600
Android (android.graphics.Color)	4278190334 (0xFF0000FE)
YUV	28.9560, 110.9467, -25.3944
Hunter-Lab	26.7502, 72.5600, -190.0718

# Details

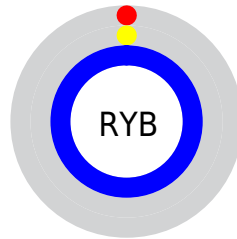
The Hex color **0000FE** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **FEFE00**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **7947FF**, and **0000C3** is the 20% darker color. If you saturate the color by 10%, you get **0000FE**, and if you desaturate by 10%, it is **1919FE**.

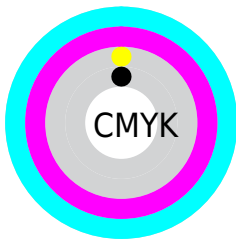
# Distribution



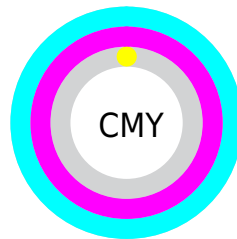
- Red (0%)
- Green (0%)
- Blue (100%)



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



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



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


# Brightness & Saturation Gradients

These gradients show how the Hex color 0000FE 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 0000FE by changing the saturation by 10% instead.



 0000FE

 0000FE

FFFFFF

 0000E0

 7947FF

 0000C3

 9D63FF

 0000A7

 BF7EFF

 00008B

 E09AFF

 001271

 FFB6FF

 000C57

 FFD3FF

 00063F

 FFF1FF

 000328

 000111

 0000FE

 1919FE

 3333FE

 4C4CFE

 6666FE

 7F7FFE

 9898FE

 B2B2FE

 CBCBFE

 E5E5FE

# Harmonies

## Analogous

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



005DFF



0000FE



CB00A3

# Triad

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



0000FE



9B0A00



006861

# Complementary

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



0000FE



FEFE00

# 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.



006500



0000FE



495100

# Square

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



0000FE



D40000



006100



006CCB

# Rectangle

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



0000FE



E9005E



006100



00673C



# Sweetspot

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



0000FE



B3B3FF



00FEFE



525280



000000



808080



# Same Dimension

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



0000FE



0000FF



7F00FE



737380



0000BF



000040



# Inverse Universe

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



FE00FE



FF00FF



7FFE00



807380



BF00BF

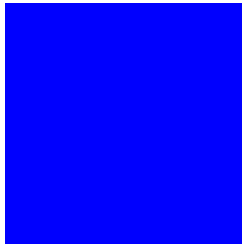


400040



# Previews

## White Background



This preview shows how the Hex color 0000FE looks on a white background.

## Color Contrast Check

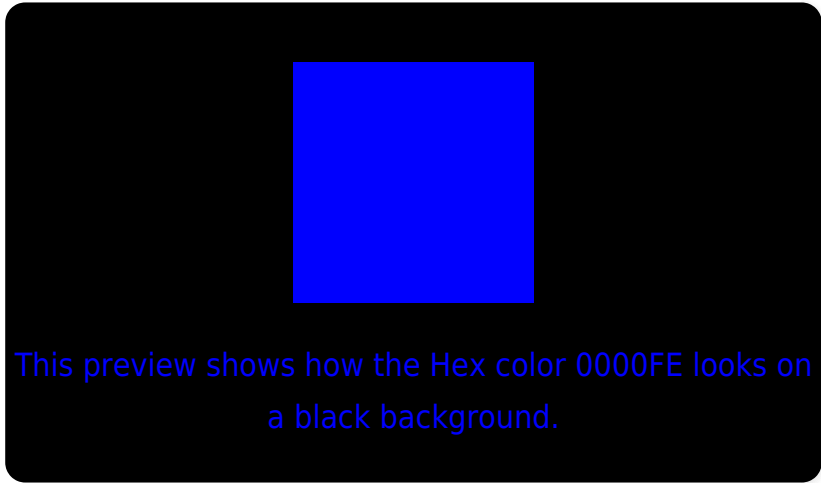
Large Text (above 18pt) WCAG AA ✓ Pass

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 0000FE Background



This preview shows how black text looks on a background with the Hex color 0000FE.



This preview shows how white text looks on a background with the Hex color 0000FE.

# 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**  
0000FE

**Protanopia**  
004A9B

**Deuteranopia**  
004F84



# Trichromacy



**Original Color**  
0000FE

**Protanomaly**  
002FBF

**Deuteranomaly**  
0032B0

**Tritanomaly**  
003695

# Monochromacy



**Original Color**  
0000FE

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
12126F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0000FE 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 #0000FE looks like.

```
.text, #text, p{  
    color:#0000FE  
}
```

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 #0000FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000FE
}
```

## Border

The CSS property to change the border of an element to Hex 0000FE 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
#0000FE }
```

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

```
.border{ border-color:#0000FE }
```

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

Here you see how a box with a 4 pixel #0000FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000FE; -webkit-box-shadow:4px 4px  
4px 4px #0000FE; box-shadow:4px 4px 4px  
4px #0000FE }
```

# Background

The CSS property to change the background color of an element to Hex 0000FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000FE }
```

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

```
.background{ background-color:#0000FE }
```

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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