

# Converting Colors

Hex(004FE0)

Have a look what the booklet for  
Hex(004FE0) contains.

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# Color

**Hex(004FE0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004FE0
RGB	0, 79, 224
RGB Percent	0%, 31%, 88%
CMY	1.0000, 0.6902, 0.1216
CMYK	1.00, 0.65, 0.00, 0.12
HSL	219°, 100%, 44%
HSV	219°, 100%, 88%
XYZ	16.2505, 10.9738, 71.7827
YIQ	71.9090, -93.6290, 28.3470

# Conversions

## Conversions Part 2

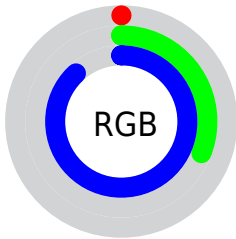
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 58, 224
Decimal	20448
CIELab	39.54, 38.13, -78.31
CIELCh	40, 87.104, 295.961
Yxy	10.9738, 0.1641, 0.1108
Android (android.graphics.Color)	4278210528 (0xFF004FE0)
YUV	71.9090, 74.9809, -63.0642
Hunter-Lab	33.1267, 29.5927, -105.2876

# Details

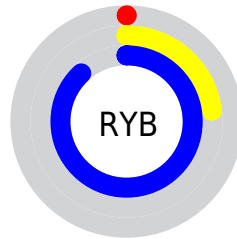
The Hex color **004FE0** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E09100**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6B80FF**, and **0024A7** is the 20% darker color. If you saturate the color by 10%, you get **004FE0**, and if you desaturate by 10%, it is **165EE0**.

# Distribution



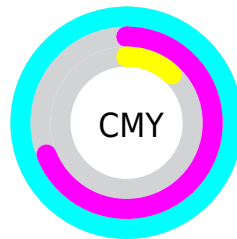
- Red (0%)
- Green (31%)
- Blue (88%)



- Red (0%)
- Yellow (23%)
- Blue (88%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (69%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004FE0 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 004FE0 by changing the saturation by 10% instead.



 004FE0

 004FE0

FFFFFF

 0039C3

 6B80FF

 0024A7

 8C9AFF

 00138C

 ACB4FF

 000072

 CBD0FF

 000C58

 EBECFF

 000740

 000329

 000113

 000000

■ 004FE0

■ 165EE0

■ 2D6CE0

■ 437BE0

■ 5A89E0

■ 7098E0

■ 86A6E0

■ 9DB5E0

■ B3C3E0

■ CAD2E0

# Harmonies

## Analogous

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



006BEF



004FE0



A400AE

# Triad

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



004FE0



AE3000



007751

# Complementary

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



004FE0



E09100

# 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.



007300



004FE0



7A5800

# Square

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



004FE0



CD0025



326B00



00789A

# Rectangle

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



004FE0



C50082



326B00



007638



# Sweetspot

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



004FE0



B3CDFF



00E08E



526280



000000



808080



# Same Dimension

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



004FE0



005AFF



1E00E0



656970



003EB0



001130



# Inverse Universe

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



E0004F



FF005A



C2E000



706569



B0003E



300011



# Previews

## White Background



This preview shows how the Hex color 004FE0 looks on a white background.

## Color Contrast Check

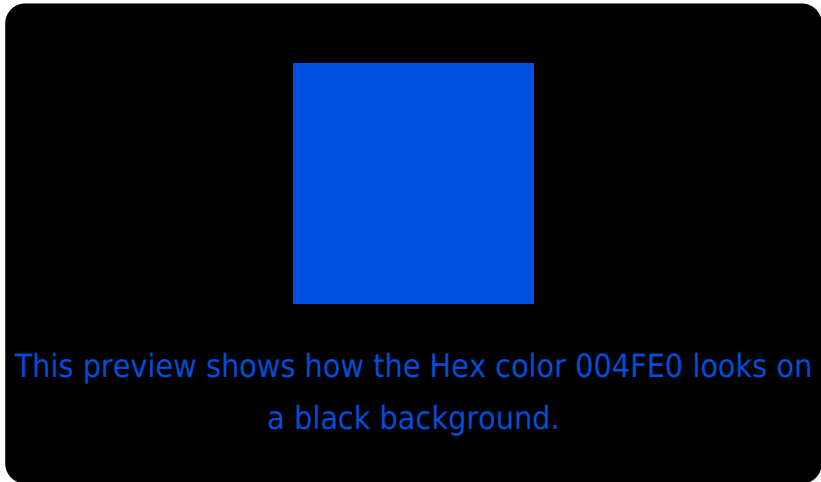
Large Text (above 18pt) WCAG AA ✓ Pass

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 004FE0 Background



This preview shows how black text looks on a background with the Hex color 004FE0.



This preview shows how white text looks on a background with the Hex color 004FE0.

# 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**  
00676D

# Trichromacy



**Original Color**  
004FE0

**Protanomaly**  
0055CA

**Deuteranomaly**  
0059B8

**Tritanomaly**  
005E97

# Monochromacy



**Original Color**  
004FE0

**Achromatopsia**  
484848

**Achromatomaly**  
2E4B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004FE0 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 #004FE0 looks like.

```
.text, #text, p{  
    color:#004FE0  
}
```

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 #004FE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004FE0
}
```

## Border

The CSS property to change the border of an element to Hex 004FE0 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
#004FE0 }
```

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

```
.border{ border-color:#004FE0 }
```

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

Here you see how a box with a 4 pixel #004FE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004FE0; -webkit-box-shadow:4px 4px  
4px 4px #004FE0; box-shadow:4px 4px 4px  
4px #004FE0 }
```

# Background

The CSS property to change the background color of an element to Hex 004FE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004FE0 }
```

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

```
.background{ background-color:#004FE0 }
```

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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