

# Converting Colors

Hex(4E0BF4)

Have a look what the booklet for  
Hex(4E0BF4) contains.

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# Color

**Hex(4E0BF4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E0BF4
RGB	78, 11, 244
RGB Percent	31%, 4%, 96%
CMY	0.6941, 0.9569, 0.0431
CMYK	0.68, 0.95, 0.00, 0.04
HSL	257°, 91%, 50%
HSV	257°, 95%, 96%
XYZ	19.5907, 8.3907, 86.1750
YIQ	57.5950, -34.8610, 86.6670

# Conversions

## Conversions Part 2

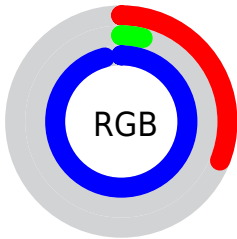
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 11, 244
Decimal	5114868
CIE <sub>Lab</sub>	34.78, 76.46, -97.44
CIE <sub>LCh</sub>	35, 123.857, 308.119
Yxy	8.3907, 0.1716, 0.0735
Android (android.graphics.Color)	4283304948 (0xFF4E0BF4)
YUV	57.5950, 91.8977, 17.8952
Hunter-Lab	28.9667, 70.0310, -156.1091

# Details

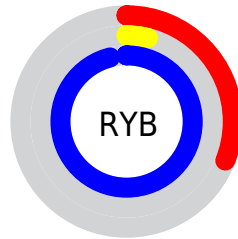
The Hex color **4E0BF4** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **B1F40B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **954EFF**, and **0000BA** is the 20% darker color. If you saturate the color by 10%, you get **4600F4**, and if you desaturate by 10%, it is **5F23F4**.

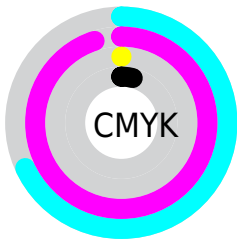
# Distribution



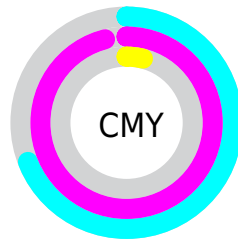
- Red (31%)
- Green (4%)
- Blue (96%)



- Red (31%)
- Yellow (4%)
- Blue (96%)



- Cyan (68%)
- Magenta (95%)
- Yellow (0%)
- Black (4%)



- Cyan (69%)
- Magenta (96%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E0BF4 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 4E0BF4 by changing the saturation by 10% instead.



 4E0BF4

 4E0BF4

FFFFFF

 1700D7

 954EFF

 0000BA

 B66AFF

 00009E

 D686FF

 000083

 F6A2FF

 000968

 FFBEFF

 000A4F

 FFDBFF

 000537

 FFF9FF

 000221


 000005

 4E0BF4

 4E0BF4

 4600F4

 5F23F4

 713CF4

 8254F4

 946DF4

 A585F4

 B69DF4

 C8B6F4

 D9CEF4

 EAE7F4

# Harmonies

## Analogous

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



005EFF



4E0BF4



CF009E

# Triad

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



4E0BF4



9B2700



006F6C

# Complementary

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



4E0BF4



B1F40B

# 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.



006C00



4E0BF4



4C5800

# Square

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



4E0BF4



D30000



006700



0072CE

# Rectangle

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



4E0BF4



E8005D



006700



006E49



# Sweetspot

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



4E0BF4



CAB5FF



0BB2F4



605380



000000



808080



# Same Dimension

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



4E0BF4



4900FF



C20BF4



726E7A



3600BA



11003B



# Inverse Universe

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



F40BB1



FF00B6



3DF40B



7A6E77



BA0085

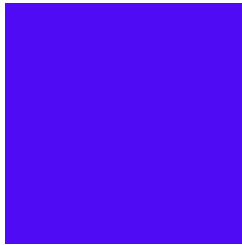


3B002A



# Previews

## White Background



This preview shows how the Hex color 4E0BF4 looks on a white background.

## Color Contrast Check

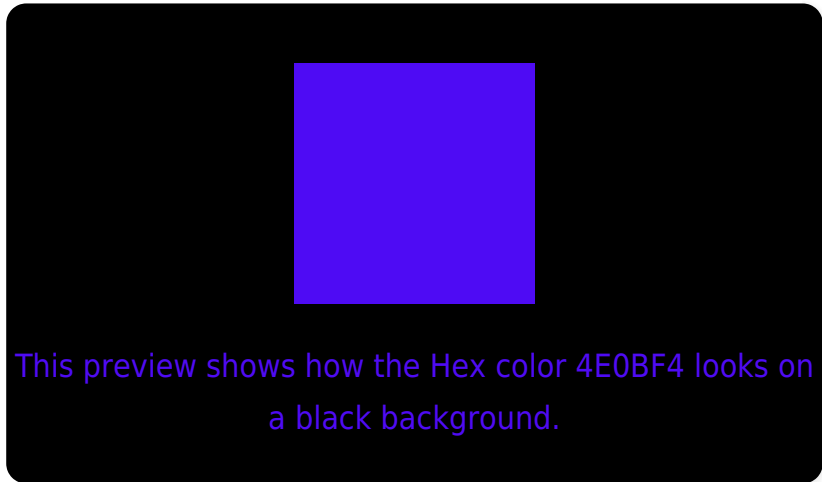
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E0BF4 Background



This preview shows how black text looks on a background with the Hex color 4E0BF4.



This preview shows how white text looks on a background with the Hex color 4E0BF4.

# 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**  
4E0BF4

**Protanopia**  
004FA6

**Deuteranopia**  
00558D



**Tritanopia**  
005B61

# Trichromacy



**Original Color**  
4E0BF4

**Protanomaly**  
1C36C2

**Deuteranomaly**  
1C3AB2

**Tritanomaly**  
1C3E96

# Monochromacy



**Original Color**  
4E0BF4

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
41297E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E0BF4 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 #4E0BF4 looks like.

```
.text, #text, p{  
    color:#4E0BF4  
}
```

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 #4E0BF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0BF4
}
```

## Border

The CSS property to change the border of an element to Hex 4E0BF4 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
#4E0BF4 }
```

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

```
.border{ border-color:#4E0BF4 }
```

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

Here you see how a box with a 4 pixel #4E0BF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0BF4; -webkit-box-shadow:4px 4px  
4px 4px #4E0BF4; box-shadow:4px 4px 4px  
4px #4E0BF4 }
```

# Background

The CSS property to change the background color of an element to Hex 4E0BF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0BF4 }
```

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

```
.background{ background-color:#4E0BF4 }
```

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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