

Converting Colors

Hex(4E00F0)

Have a look what the booklet for
Hex(4E00F0) contains.

Hex(4E00F0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(4E00F0)

Conversions

Conversions Part 1

Format	Color
Hex	4E00F0
RGB	78, 0, 240
RGB Percent	31%, 0%, 94%
CMY	0.6941, 1.0000, 0.0588
CMYK	0.67, 1.00, 0.00, 0.06
HSL	260°, 100%, 47%
HSV	260°, 100%, 94%
XYZ	18.8701, 7.9110, 82.9705
YIQ	50.6820, -30.5520, 91.1760

Conversions

Conversions Part 2

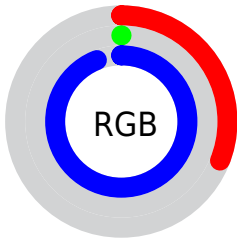
Format	Color
R_{YB}	78, 0, 240
Decimal	5112048
CIE _{Lab}	33.80, 77.04, -96.82
CIE _{LCh}	34, 123.734, 308.511
Yxy	7.9110, 0.1719, 0.0721
Android (android.graphics.Color)	4283302128 (0xFF4E00F0)
YUV	50.6820, 93.3338, 23.9579
Hunter-Lab	28.1264, 70.5345, -155.2116

Details

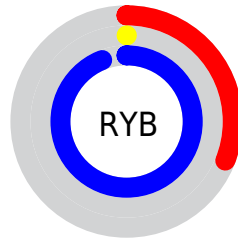
The Hex color **4E00F0** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **A2F000**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **954AFF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **4E00F0**, and if you desaturate by 10%, it is **5E18F0**.

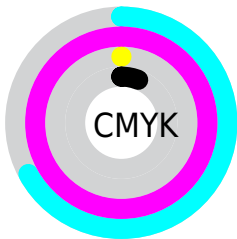
Distribution



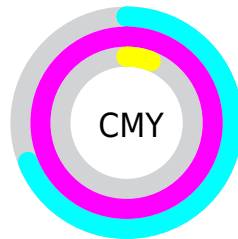
- Red (31%)
- Green (0%)
- Blue (94%)



- Red (31%)
- Yellow (0%)
- Blue (94%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (69%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E00F0 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 4E00F0 by changing the saturation by 10% instead.

 4E00F0

 4E00F0

FFFFFF

 1800D3

 954AFF

 0000B6

 B566FF

 00009A

 D582FF

 00007F

 F59EFF

 000B65

 FFBBFF

 00094C

 FFD8FF

 000434

 FFF5FF

 00021E

 000000

 4E00F0

 5E18F0

 6E30F0

 7F48F0

 8F60F0

 9F78F0

 AF90F0

 BFA8F0

 D0C0F0

 E0D8F0

Harmonies

Analogous

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



005CFF



4E00F0



CD009A

Triad

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



4E00F0



972600



006C6B

Complementary

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



4E00F0



A2F000

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.



006900



4E00F0



485600

Square

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



4E00F0



CF0000



006500



0070CC

Rectangle

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



4E00F0



E5005A



006500



006B48

Sweetspot

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



4E00F0



CBB3FF



00A4F0



615280



000000



808080

Same Dimension

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



4E00F0



5300FF



C400F0



706C78



3C00B8



120038

Inverse Universe

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



F000A2



FF00AC



2CF000



786C74



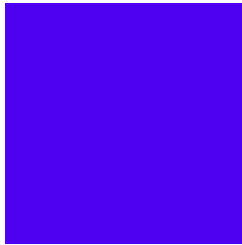
B8007C



380026

Previews

White Background



This preview shows how the Hex color 4E00F0 looks on a white background.

Color Contrast Check

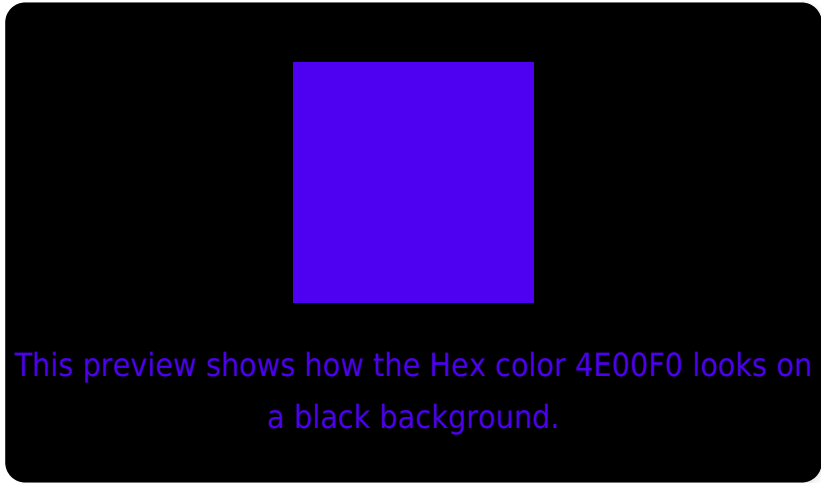
Large Text (above 18pt) WCAG AA ✓ Pass

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

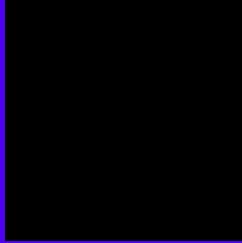
Any Text WCAG AA × Fail

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 4E00F0 Background



This preview shows how black text looks on a background with the Hex color 4E00F0.

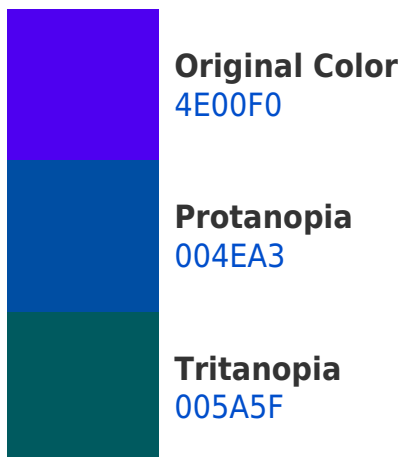


This preview shows how white text looks on a background with the Hex color 4E00F0.

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



Trichromacy



Original Color
4E00F0

Protanomaly
1C32BF

Tritanomaly
1C3994

Monochromacy



Original Color
4E00F0

Achromatopsia
333333

Achromatomaly
3D2078

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E00F0 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 #4E00F0 looks like.

```
.text, #text, p{  
    color:#4E00F0  
}
```

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 #4E00F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E00F0
}
```

Border

The CSS property to change the border of an element to Hex 4E00F0 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
#4E00F0 }
```

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

```
.border{ border-color:#4E00F0 }
```

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

Here you see how a box with a 4 pixel #4E00F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E00F0; -webkit-box-shadow:4px 4px  
4px 4px #4E00F0; box-shadow:4px 4px 4px  
4px #4E00F0 }
```

Background

The CSS property to change the background color of an element to Hex 4E00F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E00F0 }
```

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

```
.background{ background-color:#4E00F0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor