

Converting Colors

Hex(EC46FE)

Have a look what the booklet for
Hex(EC46FE) contains.

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Color

Hex(**EC46FE**)

Conversions

Conversions Part 1

Format	Color
Hex	EC46FE
RGB	236, 70, 254
RGB Percent	93%, 27%, 100%
CMY	0.0745, 0.7255, 0.0039
CMYK	0.07, 0.72, 0.00, 0.00
HSL	294°, 99%, 64%
HSV	294°, 72%, 100%
XYZ	54.6716, 29.3689, 96.5532
YIQ	140.6100, 39.8720, 92.4160

Conversions

Conversions Part 2

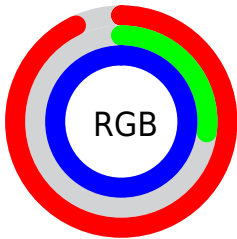
Format	Color
R _{YB}	236, 70, 254
Decimal	15484670
CIE _{Lab}	61.11, 83.47, -59.21
CIE _{LCh}	61, 102.337, 324.653
Yxy	29.3689, 0.3027, 0.1626
Android (android.graphics.Color)	4293674750 (0xFFEC46FE)
YUV	140.6100, 55.9013, 83.6570
Hunter-Lab	54.1931, 85.2381, -67.6989

Details

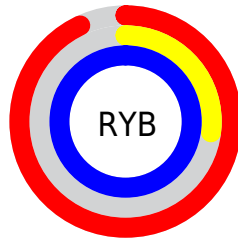
The Hex color **EC46FE** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **58FE46**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF85FF**, and **B000C4** is the 20% darker color. If you saturate the color by 10%, you get **EA2DFE**, and if you desaturate by 10%, it is **EE5FFE**.

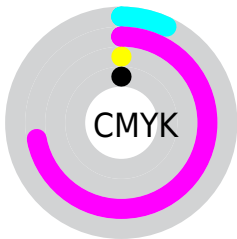
Distribution



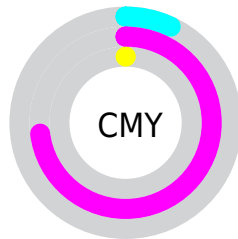
- Red (93%)
- Green (27%)
- Blue (100%)



- Red (93%)
- Yellow (27%)
- Blue (100%)



- Cyan (7%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC46FE 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 EC46FE by changing the saturation by 10% instead.

 EC46FE

 EC46FE

FFFFFF

 CE1CE1

 FF85FF

 B000C4

 FFA3FF

 9200A9

 FFC1FF

 75008D

 FFDFFF

 580073

 FFFDFF

 3D005A

 1C0041

 00012A

 000114

 EC46FE

 EC46FE

 EA2DFE

 EE5FFE

 E713FE

 F179FE

 E500FE

 F392FE

 F6ACFE

 F8C5FE

 FBDEFE

 FDF8FE

FFFFFFE

Harmonies

Analogous

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



4883FF



EC46FE



FF00A8

Triad

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



EC46FE



C18B00



00B8DD

Complementary

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



EC46FE



58FE46

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.



00B780



EC46FE



6AA400

Square

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



EC46FE



FF5D00



00B10E



00B4FF

Rectangle

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



EC46FE



FF006C



00B10E



00B8BF

Sweetspot

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



EC46FE



FAC7FF



4658FE



7C5E80



000000



808080

Same Dimension

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



EC46FE



E921FF



FE46B4



7E7380



AD00BF



3A0040

Inverse Universe

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



FE4658



FF2137



46FE90



807374



BF0013



400006

Previews

White Background



This preview shows how the Hex color EC46FE looks on a white background.

Color Contrast Check

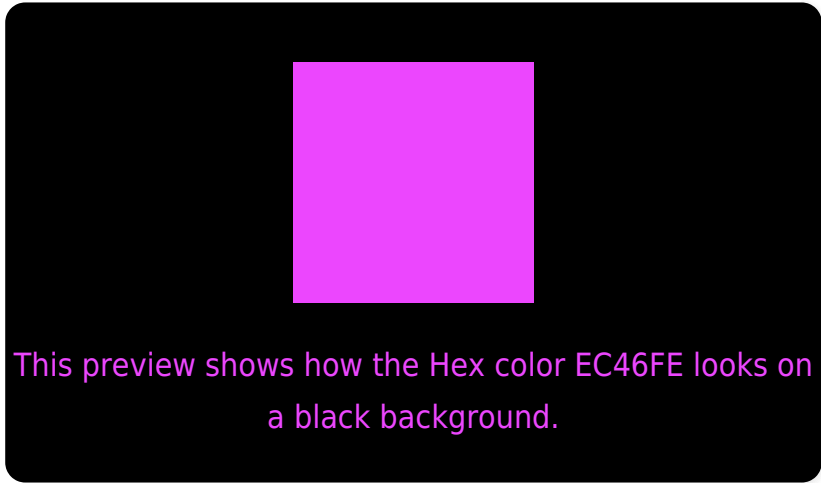
Large Text (above 18pt) WCAG AA ✓ Pass

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

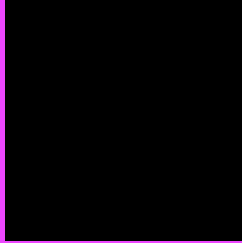
Any Text WCAG AA ✓ Pass

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 EC46FE Background



This preview shows how black text looks on a background with the Hex color EC46FE.

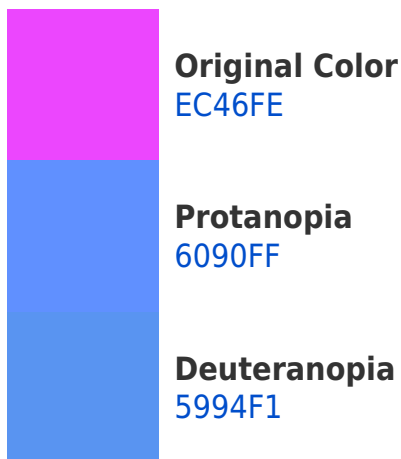


This preview shows how white text looks on a background with the Hex color EC46FE.

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
EC46FE



Protanomaly
9375FF



Deuteranomaly
8E78F6



Tritanomaly
E263AB

Monochromacy



Original Color
EC46FE



Achromatopsia
8D8D8D



Achromatomaly
B073B6

CSS Examples

Text

The CSS property to change the color of the text to Hex EC46FE 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 #EC46FE looks like.

```
.text, #text, p{  
    color:#EC46FE  
}
```

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 #EC46FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC46FE
}
```

Border

The CSS property to change the border of an element to Hex EC46FE 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
#EC46FE }
```

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

```
.border{ border-color:#EC46FE }
```

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

Here you see how a box with a 4 pixel #EC46FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC46FE; -webkit-box-shadow:4px 4px  
4px 4px #EC46FE; box-shadow:4px 4px 4px  
4px #EC46FE }
```

Background

The CSS property to change the background color of an element to Hex EC46FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC46FE }
```

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

```
.background{ background-color:#EC46FE }
```

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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