

# Converting Colors

Hex(EE34FE)

Have a look what the booklet for  
Hex(E<sup>E</sup>34F<sup>E</sup>) contains.

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**Color**

**Hex(E E34FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE34FE
RGB	238, 52, 254
RGB Percent	93%, 20%, 100%
CMY	0.0667, 0.7961, 0.0039
CMYK	0.06, 0.80, 0.00, 0.00
HSL	295°, 99%, 60%
HSV	295°, 80%, 100%
XYZ	54.3773, 27.7889, 96.2637
YIQ	130.6420, 46.0140, 102.2540

# Conversions

## Conversions Part 2

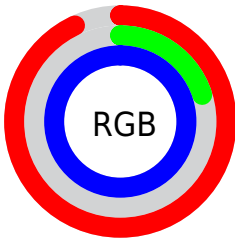
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 52, 254
Decimal	15611134
CIE Lab	59.70, 88.80, -61.44
CIE LCh	60, 107.980, 325.319
Yxy	27.7889, 0.3048, 0.1557
Android (android.graphics.Color)	4293801214 (0xFFEE34FE)
YUV	130.6420, 60.8155, 94.1530
Hunter-Lab	52.7152, 91.8766, -71.3695

# Details

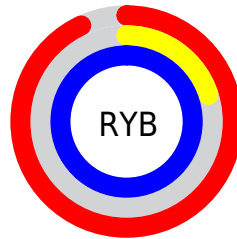
The Hex color **EE34FE** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **44FE34**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF79FF**, and **B100C4** is the 20% darker color. If you saturate the color by 10%, you get **EC1BFE**, and if you desaturate by 10%, it is **F04DFE**.

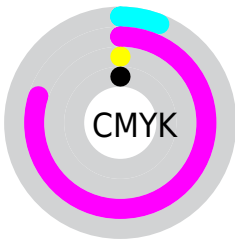
# Distribution



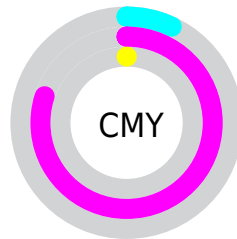
- Red (93%)
- Green (20%)
- Blue (100%)



- Red (93%)
- Yellow (20%)
- Blue (100%)



- Cyan (6%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (80%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE34FE 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 EE34FE by changing the saturation by 10% instead.



 EE34FE

 EE34FE

FFFFFF

 CF00E1

 FF79FF

 B100C4

 FF98FF

 9300A8

 FFB6FF

 76008D

 FFD4FF

 590073

 FFF3FF

 3D005A

 1C0041

 00022A

 000114

 EE34FE

 EE34FE

 EC1BFE

 F04DFE

 EA01FE

 F267FE

 EA00FE

 F480FE

 F69AFE

 F8B3FE

 FACCFE

 FCE6FE

FEFFFE

FFFFFFE

# Harmonies

## Analogous

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



397EFF



EE34FE



FF00A3

# Triad

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



EE34FE



BC8700



00B5E0

# Complementary

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



EE34FE



44FE34

# 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.



00B47E



EE34FE



5EA200

# Square

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



EE34FE



FF5600



00AE00



00B2FF

# Rectangle

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



EE34FE



FF0065



00AE00



00B5C0



# Sweetspot

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



EE34FE



FAC2FF



3445FE



7D5B80



000000



808080



# Same Dimension

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



EE34FE



EC0DFE



FE34AA



7E7380



B000BF



3B0040



# Inverse Universe

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



FE3444



FF0D20



34FE88



807374



BF000F



400005



# Previews

## White Background



This preview shows how the Hex color EE34FE 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

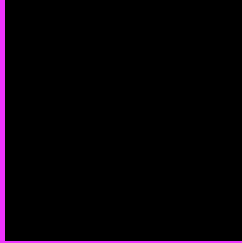
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EE34FE Background



This preview shows how black text looks on a background with the Hex color EE34FE.



This preview shows how white text looks on a background with the Hex color EE34FE.

# 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**  
DD6C74

# Trichromacy



**Original Color**  
EE34FE



**Protanomaly**  
8F6CFF



**Deuteranomaly**  
896FF5



**Tritanomaly**  
E358A6

# Monochromacy



**Original Color**  
EE34FE



**Achromatopsia**  
838383



**Achromatomaly**  
AA66B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE34FE 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 #EE34FE looks like.

```
.text, #text, p{  
    color:#EE34FE  
}
```

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 #EE34FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE34FE
}
```

## Border

The CSS property to change the border of an element to Hex EE34FE 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
#EE34FE }
```

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

```
.border{ border-color:#EE34FE }
```

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

Here you see how a box with a 4 pixel #EE34FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE34FE; -webkit-box-shadow:4px 4px  
4px 4px #EE34FE; box-shadow:4px 4px 4px  
4px #EE34FE }
```

# Background

The CSS property to change the background color of an element to Hex EE34FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE34FE }
```

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

```
.background{ background-color:#EE34FE }
```

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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