

Converting Colors

Hex(EF00FA)

Have a look what the booklet for
Hex(EE00FA) contains.

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Color

Hex(EE00FA)

Conversions

Conversions Part 1

Format	Color
Hex	EE00FA
RGB	238, 0, 250
RGB Percent	93%, 0%, 98%
CMY	0.0667, 1.0000, 0.0196
CMYK	0.05, 1.00, 0.00, 0.02
HSL	297°, 100%, 49%
HSV	297°, 100%, 98%
XYZ	52.5152, 25.0793, 92.5154
YIQ	99.6620, 61.5980, 128.2060

Conversions

Conversions Part 2

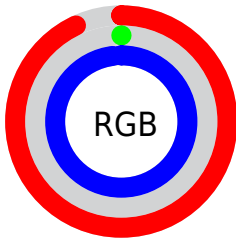
Format	Color
R_{YB}	238, 0, 250
Decimal	15597818
CIE _{Lab}	57.15, 94.97, -63.30
CIE _{LCh}	57, 114.137, 326.314
Yxy	25.0793, 0.3087, 0.1474
Android (android.graphics.Color)	4293787898 (0xFFEE00FA)
YUV	99.6620, 74.1166, 121.3224
Hunter-Lab	50.0792, 99.5442, -74.4758

Details

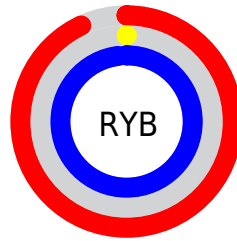
The Hex color **EE00FA** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **0CFA00**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF66FF**, and **B100C0** is the 20% darker color. If you saturate the color by 10%, you get **EE00FA**, and if you desaturate by 10%, it is **EF19FA**.

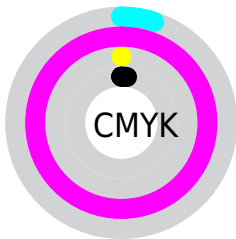
Distribution



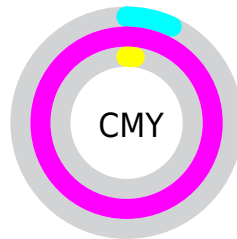
- Red (93%)
- Green (0%)
- Blue (98%)



- Red (93%)
- Yellow (0%)
- Blue (98%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE00FA 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 EE00FA by changing the saturation by 10% instead.

 EE00FA

 EE00FA

FFFFFF

 CF00DD

 FF66FF

 B100C0

 FF87FF

 9300A5

 FFA6FF

 75008A

 FFC5FF

 57006F

 FFE4FF

 3A0056

 19003D

 000326

 00010F

 EE00FA

 EF19FA

 F032FA

 F24BFA

 F364FA

 F47DFA

 F596FA

 F6AFFA

 F8C8FA

 F9E1FA

Harmonies

Analogous

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



1E75FF



EE00FA



FF009A

Triad

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



EE00FA



B18200



00AFE0

Complementary

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



EE00FA



0CFA00

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.



00AD7A



EE00FA



4C9C00

Square

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



EE00FA



F94B00



00A800



00ACFF

Rectangle

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



EE00FA



FF0059



00A800



00AFBF

Sweetspot

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



EE00FA



FBB3FF



000CFA



7D5280



000000



808080

Same Dimension

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



EE00FA



F300FF



FA0089



7C707D



B400BD



3A003D

Inverse Universe

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



FA000C



FF000C



00FA71



7D7071



BD0009



3D0003

Previews

White Background



This preview shows how the Hex color EE00FA looks on a white background.

Color Contrast Check

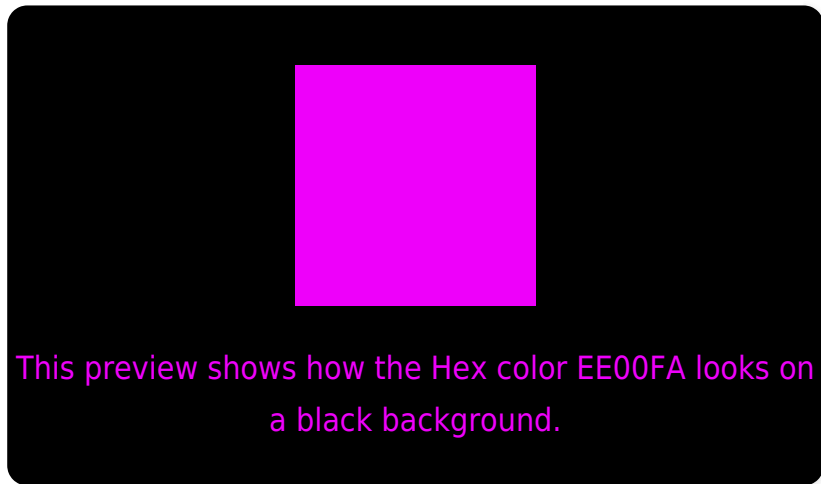
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE00FA Background



This preview shows how black text looks on a background with the Hex color EE00FA.



This preview shows how white text looks on a background with the Hex color EE00FA.

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
EE00FA

Protanopia
4A87FF

Deuteranopia
448BEB

Trichromacy



Original Color
EE00FA



Protanomaly
8656FD



Deuteranomaly
8258F0



Tritanomaly
E33E9E

Monochromacy



Original Color
EE00FA



Achromatopsia
646464



Achromatomaly
96409B

CSS Examples

Text

The CSS property to change the color of the text to Hex EE00FA 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 #EE00FA looks like.

```
.text, #text, p{  
    color:#EE00FA  
}
```

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 #EE00FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE00FA
}
```

Border

The CSS property to change the border of an element to Hex EE00FA 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
#EE00FA }
```

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

```
.border{ border-color:#EE00FA }
```

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

Here you see how a box with a 4 pixel #EE00FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE00FA; -webkit-box-shadow:4px 4px  
4px 4px #EE00FA; box-shadow:4px 4px 4px  
4px #EE00FA }
```

Background

The CSS property to change the background color of an element to Hex EE00FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE00FA }
```

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

```
.background{ background-color:#EE00FA }
```

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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