

# Converting Colors

Hex(EA00F0)

Have a look what the booklet for  
Hex(EA00F0) contains.

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# Color

Hex(EA00F0)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA00F0
RGB	234, 0, 240
RGB Percent	92%, 0%, 94%
CMY	0.0824, 1.0000, 0.0588
CMYK	0.03, 1.00, 0.00, 0.06
HSL	298°, 100%, 47%
HSV	298°, 100%, 94%
XYZ	49.6599, 23.7837, 84.4114
YIQ	97.3260, 62.4240, 124.2480

# Conversions

## Conversions Part 2

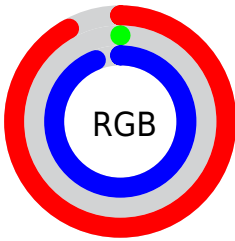
Format	Color
R <sub>Y</sub> B	234, 0, 240
Decimal	15335664
CIE Lab	55.87, 92.92, -59.81
CIE LCh	56, 110.510, 327.231
Yxy	23.7837, 0.3146, 0.1507
Android (android.graphics.Color)	4293525744 (0xFFEA00F0)
YUV	97.3260, 70.3383, 119.8631
Hunter-Lab	48.7685, 96.4175, -68.4846

# Details

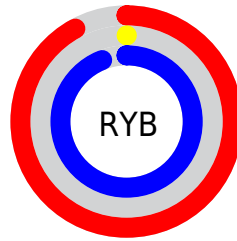
The Hex color **EA00F0** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **06F000**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF65FF**, and **AD00B7** is the 20% darker color. If you saturate the color by 10%, you get **EA00F0**, and if you desaturate by 10%, it is **EB18F0**.

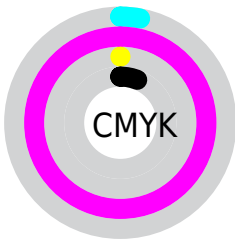
# Distribution



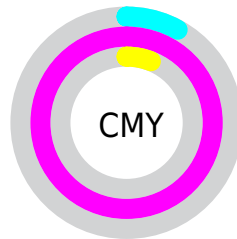
- Red (92%)
- Green (0%)
- Blue (94%)



- Red (92%)
- Yellow (0%)
- Blue (94%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (100%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA00F0 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 EA00F0 by changing the saturation by 10% instead.



 EA00F0

 EA00F0

FFFFFF

 CB00D3

 FF65FF

 AD00B7

 FF85FF

 8F009B

 FFA4FF

 710081

 FFC3FF

 540067

 FFE2FF

 37004E

 170036

 00021F

 000002

 EA00F0

 EB18F0

 EB30F0

 EC48F0

 EC60F0

 ED78F0

 EE90F0

 EEA8F0

 EFC0F0

 EFD8F0

# Harmonies

## Analogous

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



3B70FF



EA00F0



FF0093

# Triad

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



EA00F0



AB8000



00ABDD

# Complementary

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



EA00F0



06F000

# 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.



00A97A



EA00F0



479900

# Square

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



EA00F0



F14D00



00A400



00A7FF

# Rectangle

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



EA00F0



FF0055



00A400



00ABBD



# Sweetspot

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



EA00F0



FDB3FF



0008F0



7E5280



000000



808080



# Same Dimension

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



EA00F0



F900FF



F00080



786C78



B300B8



370038



# Inverse Universe

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



F00006



FF0006



00F070



786C6C



B80005



380001



# Previews

## White Background



This preview shows how the Hex color EA00F0 looks on a white background.

## Color Contrast Check

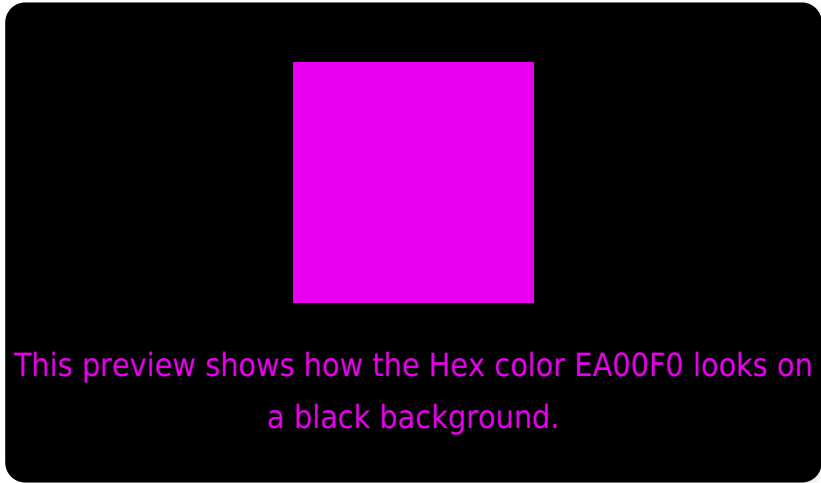
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA00F0 Background



This preview shows how black text looks on a background with the Hex color EA00F0.

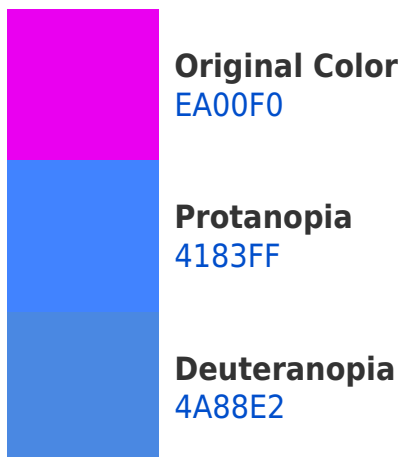


This preview shows how white text looks on a background with the Hex color EA00F0.

# 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**  
EA00F0



**Protanomaly**  
7E53FA



**Deuteranomaly**  
8457E7



**Tritanomaly**  
E03C97

# Monochromacy



**Original Color**  
EA00F0



**Achromatopsia**  
616161



**Achromatomaly**  
933E95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA00F0 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 #EA00F0 looks like.

```
.text, #text, p{  
    color:#EA00F0  
}
```

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 #EA00F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA00F0
}
```

## Border

The CSS property to change the border of an element to Hex EA00F0 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
#EA00F0 }
```

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

```
.border{ border-color:#EA00F0 }
```

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

Here you see how a box with a 4 pixel #EA00F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA00F0; -webkit-box-shadow:4px 4px  
4px 4px #EA00F0; box-shadow:4px 4px 4px  
4px #EA00F0 }
```

# Background

The CSS property to change the background color of an element to Hex EA00F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA00F0 }
```

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

```
.background{ background-color:#EA00F0 }
```

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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