

Converting Colors

Hex(EA00EE)

Have a look what the booklet for
Hex(EA00EE) contains.

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Color

Hex(EA00EE)

Conversions

Conversions Part 1

Format	Color
Hex	EA00EE
RGB	234, 0, 238
RGB Percent	92%, 0%, 93%
CMY	0.0824, 1.0000, 0.0667
CMYK	0.02, 1.00, 0.00, 0.07
HSL	299°, 100%, 47%
HSV	299°, 100%, 93%
XYZ	49.3643, 23.6655, 82.8550
YIQ	97.0980, 63.0660, 123.6260

Conversions

Conversions Part 2

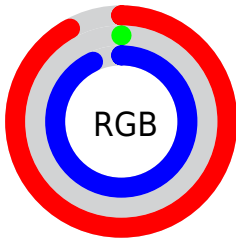
Format	Color
R_{YB}	234, 0, 238
Decimal	15335662
CIE _{Lab}	55.75, 92.64, -58.88
CIE _{LCh}	56, 109.767, 327.558
Yxy	23.6655, 0.3167, 0.1518
Android (android.graphics.Color)	4293525742 (0xFFEA00EE)
YUV	97.0980, 69.4647, 120.0631
Hunter-Lab	48.6472, 95.9988, -66.9287

Details

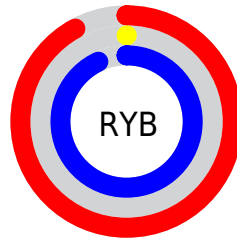
The Hex color **EA00EE** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **04EE00**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF65FF**, and **AD00B5** is the 20% darker color. If you saturate the color by 10%, you get **EA00EE**, and if you desaturate by 10%, it is **EA18EE**.

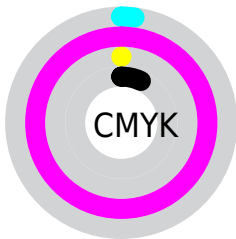
Distribution



- Red (92%)
- Green (0%)
- Blue (93%)



- Red (92%)
- Yellow (0%)
- Blue (93%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA00EE 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 EA00EE by changing the saturation by 10% instead.

 EA00EE

 EA00EE

FFFFFF

 CB00D1

 FF65FF

 AD00B5

 FF85FF

 8F009A

 FFA4FF


 72007F

 FFC3FF

 540065

 FFE2FF

 37004C

 170034

 00021E

 000000

 EA00EE

 EA18EE

 EB30EE

 EB47EE

 EC5FEE

 EC77EE

 EC8FEE

 EDA7EE

 EDBEEE

 EED6EE

Harmonies

Analogous

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



4270FF



EA00EE



FF0092

Triad

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



EA00EE



A98000



00AADD

Complementary

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



EA00EE



04EE00

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.



00A97B



EA00EE



469900

Square

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



EA00EE



EF4E00



00A400



00A7FF

Rectangle

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



EA00EE



FF0054



00A400



00AABD

Sweetspot

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



EA00EE



FEB3FF



0008EE



7F5280



000000



808080

Same Dimension

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



EA00EE



FB00FF



EE007F



786C78



B500B8



370038

Inverse Universe

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



EE0004



FF0004



00EE6F



786C6C



B80003



380001

Previews

White Background



This preview shows how the Hex color EA00EE looks on a white background.

Color Contrast Check

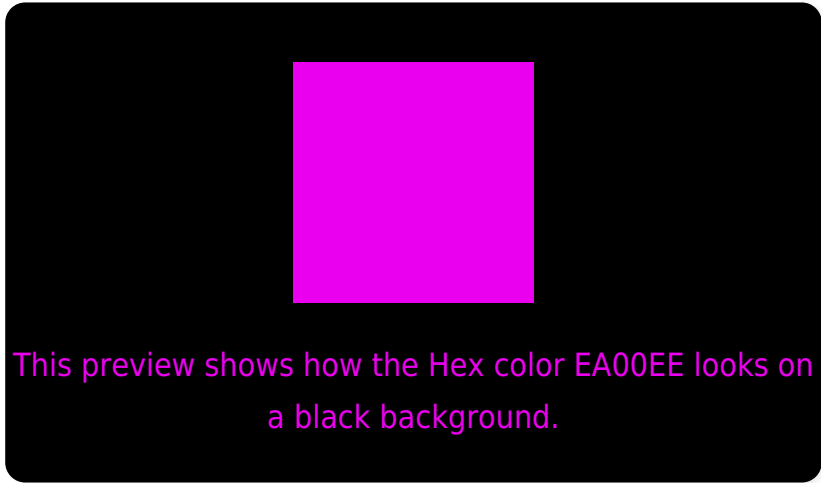
Large Text (above 18pt) WCAG AA ✓ Pass

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

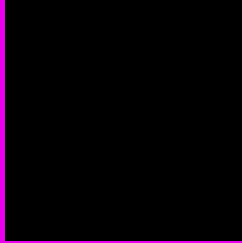
Any Text WCAG AA ✓ Pass

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 EA00EE Background



This preview shows how black text looks on a background with the Hex color EA00EE.



This preview shows how white text looks on a background with the Hex color EA00EE.

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
EA00EE



Protanomaly
7E53F9



Deuteranomaly
8557E5

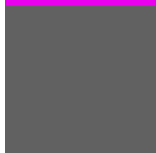


Tritanomaly
E03B96

Monochromacy



Original Color
EA00EE



Achromatopsia
616161



Achromatomaly
933E94

CSS Examples

Text

The CSS property to change the color of the text to Hex EA00EE 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 #EA00EE looks like.

```
.text, #text, p{  
    color:#EA00EE  
}
```

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 #EA00EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA00EE
}
```

Border

The CSS property to change the border of an element to Hex EA00EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

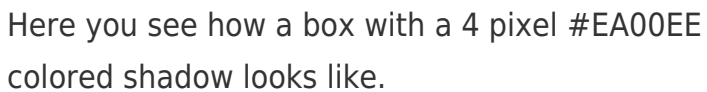
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA00EE }
```

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

```
.border{ border-color:#EA00EE }
```

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



Here you see how a box with a 4 pixel #EA00EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA00EE; -webkit-box-shadow:4px 4px  
4px 4px #EA00EE; box-shadow:4px 4px 4px  
4px #EA00EE }
```

Background

The CSS property to change the background color of an element to Hex EA00EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA00EE }
```

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

```
.background{ background-color:#EA00EE }
```

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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