

Converting Colors

Hex(ED00EA)

Have a look what the booklet for
Hex(ED00EA) contains.

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Color

Hex(ED00EA)

Conversions

Conversions Part 1

Format	Color
Hex	ED00EA
RGB	237, 0, 234
RGB Percent	93%, 0%, 92%
CMY	0.0706, 1.0000, 0.0824
CMYK	0.00, 1.00, 0.01, 0.07
HSL	301°, 100%, 46%
HSV	301°, 100%, 93%
XYZ	49.7763, 23.9450, 79.8403
YIQ	97.5390, 66.1380, 123.0180

Conversions

Conversions Part 2

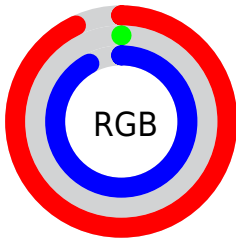
Format	Color
RYB	237, 0, 234
Decimal	15532266
CIELab	56.03, 92.54, -56.16
CIELCh	56, 108.245, 328.749
Yxy	23.9450, 0.3241, 0.1559
Android (android.graphics.Color)	4293722346 (0xFFED00EA)
YUV	97.5390, 67.2753, 122.3073
Hunter-Lab	48.9337, 95.9400, -62.4841

Details

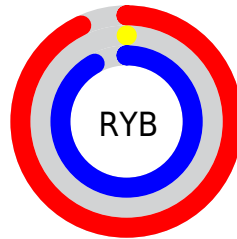
The Hex color **ED00EA** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **00ED03**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF65FF**, and **B000B1** is the 20% darker color. If you saturate the color by 10%, you get **ED00EA**, and if you desaturate by 10%, it is **ED18EA**.

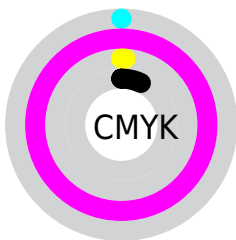
Distribution



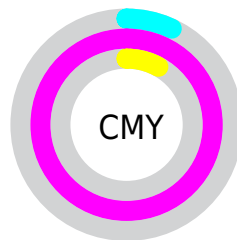
- Red (93%)
- Green (0%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color ED00EA 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 ED00EA by changing the saturation by 10% instead.

 ED00EA

 ED00EA

FFFFFF

 CE00CD

 FF65FF

 B000B1

 FF85FF

 920096

 FFA4FF

 74007B

 FFC3FF

 570062

 FFE2FF

 3B0049

 1B0031

 00011B

 000000

 ED00EA

 ED18EA

 ED2FEB

 ED47EB

 ED5FEB

 ED76EC

 ED8EEC

 EDA6EC

 EDBEEC

 EDD5ED

Harmonies

Analogous

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



566FFF



ED00EA



FF008F

Triad

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



ED00EA



A78200



00ABE0

Complementary

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



ED00EA



00ED03

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.



00A980



ED00EA



439A00

Square

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



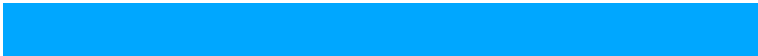
ED00EA



ED5300



00A503



00A7FF

Rectangle

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



ED00EA



FF0052



00A503



00ABC1

Sweetspot

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



ED00EA



FFB3FE



0000ED



80527F



000000



808080

Same Dimension

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



ED00EA



FF00FC



ED0076



756A75



B500B3



360035

Inverse Universe

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



ED00EA



FF00FC



00ED76



756A75



B500B3



360035

Previews

White Background



This preview shows how the Hex color ED00EA looks on a white background.

Color Contrast Check

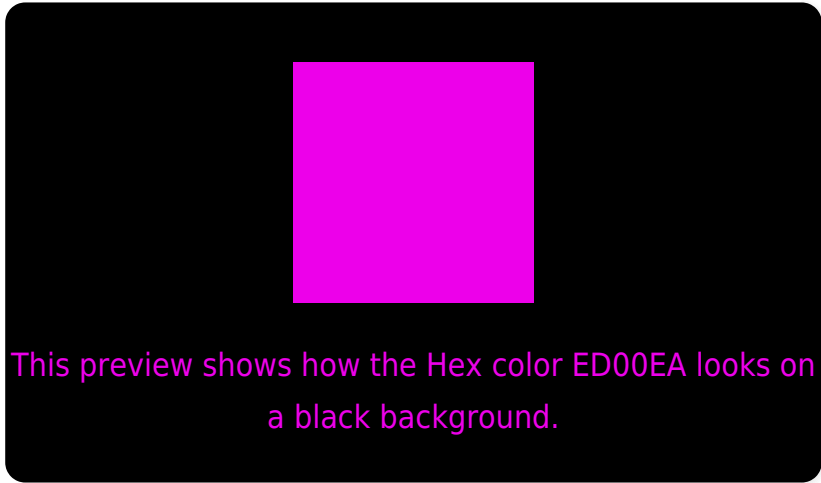
Large Text (above 18pt) WCAG AA ✓ Pass

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

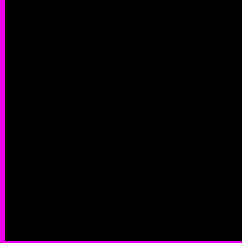
Any Text WCAG AA ✓ Pass

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 ED00EA Background



This preview shows how black text looks on a background with the Hex color ED00EA.



This preview shows how white text looks on a background with the Hex color ED00EA.

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



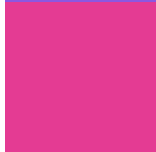
Original Color
ED00EA



Protanomaly
8054F7



Deuteranomaly
8C57E1



Tritanomaly
E43B93

Monochromacy



Original Color
ED00EA



Achromatopsia
626262



Achromatomaly
953E93

CSS Examples

Text

The CSS property to change the color of the text to Hex ED00EA 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 #ED00EA looks like.

```
.text, #text, p{  
    color:#ED00EA  
}
```

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 #ED00EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED00EA
}
```

Border

The CSS property to change the border of an element to Hex ED00EA 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
#ED00EA }
```

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

```
.border{ border-color:#ED00EA }
```

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

Here you see how a box with a 4 pixel #ED00EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED00EA; -webkit-box-shadow:4px 4px  
4px 4px #ED00EA; box-shadow:4px 4px 4px  
4px #ED00EA }
```

Background

The CSS property to change the background color of an element to Hex ED00EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED00EA }
```

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

```
.background{ background-color:#ED00EA }
```

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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