

Converting Colors

Hex(ED00ED)

Have a look what the booklet for
Hex(ED00ED) contains.

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Color

Hex(ED00ED)

Conversions

Conversions Part 1

Format	Color
Hex	ED00ED
RGB	237, 0, 237
RGB Percent	93%, 0%, 93%
CMY	0.0706, 1.0000, 0.0706
CMYK	0.00, 1.00, 0.00, 0.07
HSL	300°, 100%, 46%
HSV	300°, 100%, 93%
XYZ	50.2111, 24.1189, 82.1298
YIQ	97.8810, 65.1750, 123.9510

Conversions

Conversions Part 2

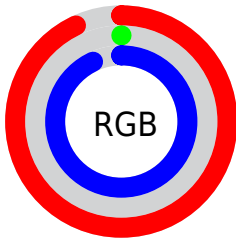
Format	Color
RYB	237, 0, 237
Decimal	15532269
CIELab	56.21, 92.96, -57.56
CIElCh	56, 109.339, 328.233
Yxy	24.1189, 0.3209, 0.1542
Android (android.graphics.Color)	4293722349 (0xFFED00ED)
YUV	97.8810, 68.5857, 122.0074
Hunter-Lab	49.1110, 96.5540, -64.7746

Details

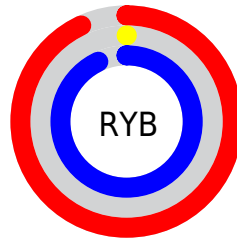
The Hex color **ED00ED** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **00ED00**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF65FF**, and **B000B4** is the 20% darker color. If you saturate the color by 10%, you get **ED00ED**, and if you desaturate by 10%, it is **ED18ED**.

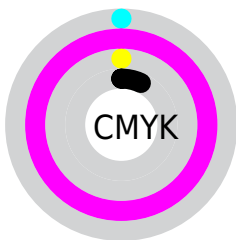
Distribution



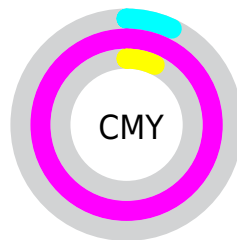
- Red (93%)
- Green (0%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color ED00ED 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 ED00ED by changing the saturation by 10% instead.

 ED00ED

 ED00ED

FFFFFF

 CE00D0

 FF65FF

 B000B4

 FF86FF

 920099

 FFA5FF

 74007E

 FFC4FF

 570064

 FFE2FF

 3B004B

 1B0033

 00021D

 000000

 ED00ED

 ED18ED

 ED2FED

 ED47ED

 ED5FED

 ED76ED

 ED8EED

 EDA6ED

 EDBEED

 EDD5ED

Harmonies

Analogous

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



4E70FF



ED00ED



FF0091

Triad

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



ED00ED



A98200



00ACE0

Complementary

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



ED00ED



00ED00

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.



00AA7E



ED00ED



459A00

Square

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



ED00ED



EF5100



00A500



00A8FF

Rectangle

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



ED00ED



FF0053



00A500



00ABC0

Sweetspot

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



ED00ED



FFB3FF



0000ED



805280



000000



808080

Same Dimension

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



ED00ED



FF00FF



ED0076



756A75



B500B5



360036

Inverse Universe

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



ED00ED



FF00FF



00ED76



756A75



B500B5



360036

Previews

White Background



This preview shows how the Hex color ED00ED looks on a white background.

Color Contrast Check

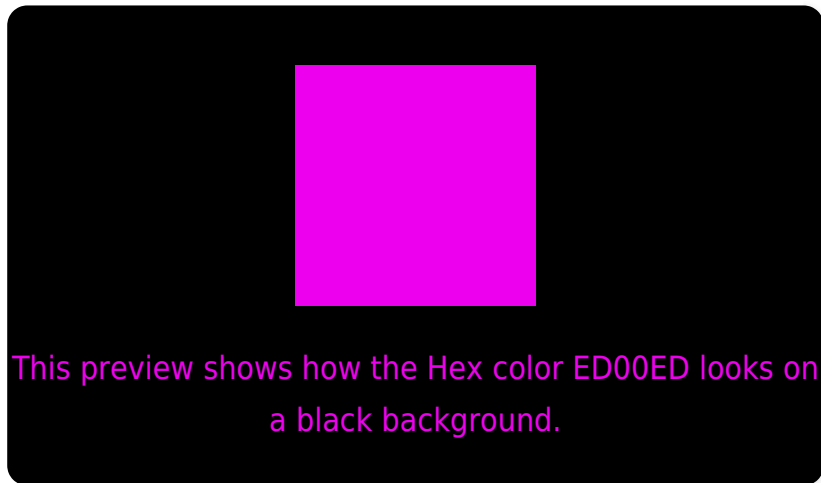
Large Text (above 18pt) WCAG AA ✓ Pass

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

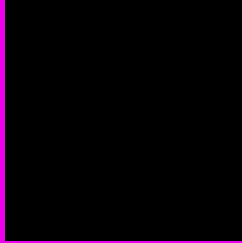
Any Text WCAG AA ✓ Pass

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 ED00ED Background



This preview shows how black text looks on a background with the Hex color ED00ED.

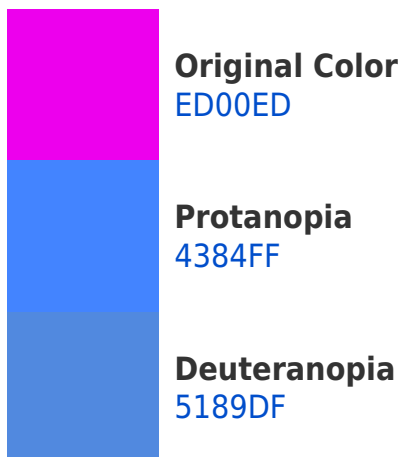


This preview shows how white text looks on a background with the Hex color ED00ED.

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
DE5D63

Trichromacy



Original Color
ED00ED



Protanomaly
8154F8



Deuteranomaly
8A57E4



Tritanomaly
E33B95

Monochromacy



Original Color
ED00ED



Achromatopsia
626262



Achromatomaly
953E95

CSS Examples

Text

The CSS property to change the color of the text to Hex ED00ED 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 #ED00ED looks like.

```
.text, #text, p{  
    color:#ED00ED  
}
```

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 #ED00ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED00ED
}
```

Border

The CSS property to change the border of an element to Hex ED00ED 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
#ED00ED }
```

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

```
.border{ border-color:#ED00ED }
```

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

Here you see how a box with a 4 pixel #ED00ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED00ED; -webkit-box-shadow:4px 4px  
4px 4px #ED00ED; box-shadow:4px 4px 4px  
4px #ED00ED }
```

Background

The CSS property to change the background color of an element to Hex ED00ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED00ED }
```

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

```
.background{ background-color:#ED00ED }
```

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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