

# Converting Colors

Hex(ED00A5)

Have a look what the booklet for  
Hex(ED00A5) contains.

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**Color**

**Hex(ED00A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED00A5
RGB	237, 0, 165
RGB Percent	93%, 0%, 65%
CMY	0.0706, 1.0000, 0.3529
CMYK	0.00, 1.00, 0.30, 0.07
HSL	318°, 100%, 46%
HSV	318°, 100%, 93%
XYZ	41.7166, 20.7211, 37.3982
YIQ	89.6730, 88.2870, 101.5590

# Conversions

## Conversions Part 2

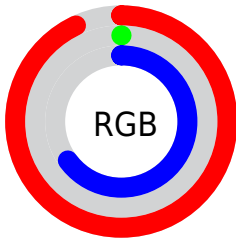
<b>Format</b>	<b>Color</b>
<b>RYB</b>	237, 0, 165
Decimal	15532197
CIELab	52.64, 84.10, -21.71
CIElCh	53, 86.863, 345.523
Yxy	20.7211, 0.4179, 0.2076
Android (android.graphics.Color)	4293722277 (0xFFED00A5)
YUV	89.6730, 37.1362, 129.2058
Hunter-Lab	45.5205, 83.9229, -16.8465

# Details

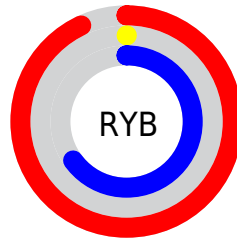
The Hex color **ED00A5** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **00ED48**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF61DC**, and **B00071** is the 20% darker color. If you saturate the color by 10%, you get **ED00A5**, and if you desaturate by 10%, it is **ED18AC**.

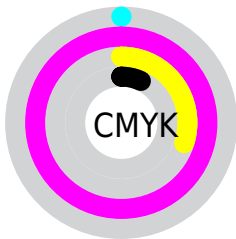
# Distribution



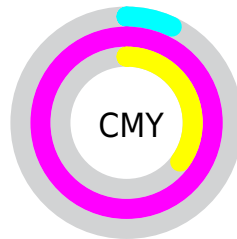
- Red (93%)
- Green (0%)
- Blue (65%)



- Red (93%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (7%)



- Cyan (7%)
- Magenta (100%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED00A5 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 ED00A5 by changing the saturation by 10% instead.



 ED00A5

 ED00A5

FFFFFF

 CE008B

 FF61DC

 B00071

 FF81F9

 910058

 FFA0FF

 730041

 FFBEFF

 57002B

 FFDDFF

 390015

 FFFBFF

 150000

 000000

 ED00A5

 ED18AC

 ED2FB3

 ED47BB

 ED5FC2

 ED76C9

 ED8ED0

 EDA6D7

 EDBEDF

 EDD5E6

# Harmonies

## Analogous

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



AD52E8



ED00A5



FC005B

# Triad

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



ED00A5



758600



009BE8

# Complementary

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



ED00A5



00ED48

# 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.



009CA4



ED00A5



009400

# Square

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



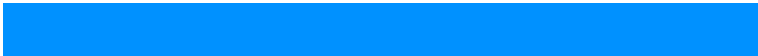
ED00A5



B66D00



009A55



0091FF

# Rectangle

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



ED00A5



F02E2A



009A55



009CD3



# Sweetspot

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



ED00A5



FFB3E8



4700ED



805272



000000



808080



# Same Dimension

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



ED00A5



FF00B2



ED002F



756A72



B5007E



360025



# Inverse Universe

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



ED00A5



FF00B2



00EDBE



756A72



B5007E



360025



# Previews

## White Background



This preview shows how the Hex color ED00A5 looks on a white background.

## Color Contrast Check

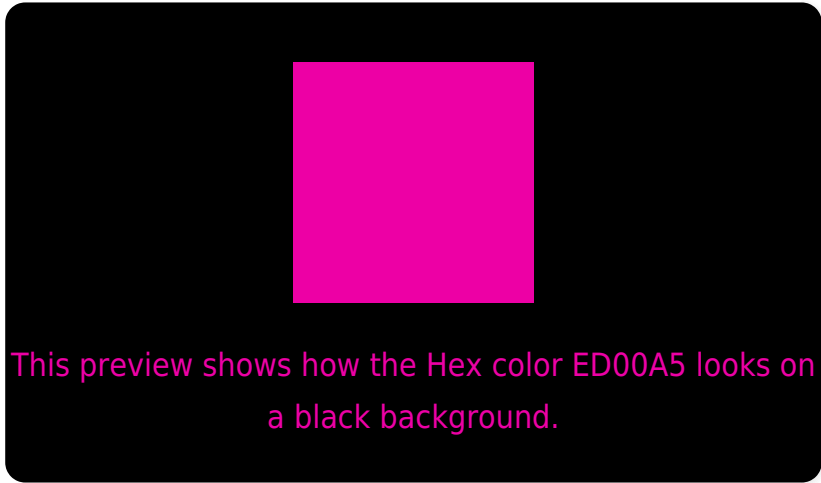
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED00A5 Background



This preview shows how black text looks on a background with the Hex color ED00A5.

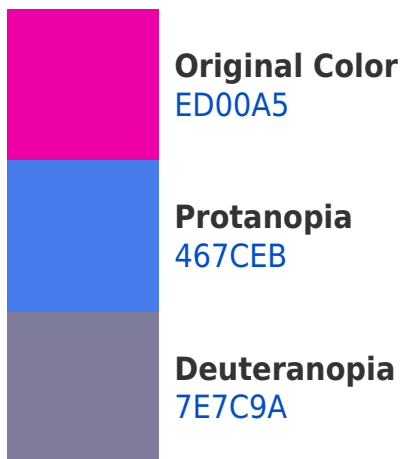



This preview shows how white text looks on a background with the Hex color ED00A5.

# 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**  
E64144

# Trichromacy



**Original Color**  
ED00A5



**Protanomaly**  
834FD2



**Deuteranomaly**  
A64F9E



**Tritanomaly**  
E92967

# Monochromacy



**Original Color**  
ED00A5



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
8F3975

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED00A5 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 #ED00A5 looks like.

```
.text, #text, p{  
    color:#ED00A5  
}
```

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 #ED00A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED00A5
}
```

## Border

The CSS property to change the border of an element to Hex ED00A5 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
#ED00A5 }
```

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

```
.border{ border-color:#ED00A5 }
```

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

Here you see how a box with a 4 pixel #ED00A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED00A5; -webkit-box-shadow:4px 4px  
4px 4px #ED00A5; box-shadow:4px 4px 4px  
4px #ED00A5 }
```

# Background

The CSS property to change the background color of an element to Hex ED00A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED00A5 }
```

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

```
.background{ background-color:#ED00A5 }
```

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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