

# Converting Colors

Hex(ED17A0)

Have a look what the booklet for  
Hex(ED17A0) contains.

<b>Hex(ED17A0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(ED17A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED17A0
RGB	237, 23, 160
RGB Percent	93%, 9%, 63%
CMY	0.0706, 0.9098, 0.3725
CMYK	0.00, 0.90, 0.32, 0.07
HSL	322°, 86%, 51%
HSV	322°, 90%, 93%
XYZ	41.5766, 21.1554, 35.1498
YIQ	102.6040, 83.5670, 87.9750

# Conversions

## Conversions Part 2

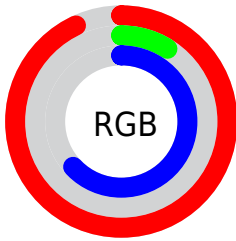
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 23, 160
Decimal	15538080
CIE <sub>Lab</sub>	53.12, 81.63, -18.03
CIE <sub>LCh</sub>	53, 83.594, 347.546
Yxy	21.1554, 0.4248, 0.2161
Android (android.graphics.Color)	4293728160 (0xFFED17A0)
YUV	102.6040, 28.2962, 117.8653
Hunter-Lab	45.9950, 80.8617, -13.1135

# Details

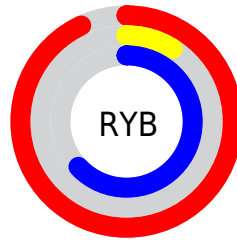
The Hex color **ED17A0** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **17ED64**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF67D7**, and **B0006C** is the 20% darker color. If you saturate the color by 10%, you get **ED0098**, and if you desaturate by 10%, it is **ED2FA9**.

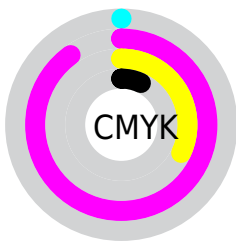
# Distribution



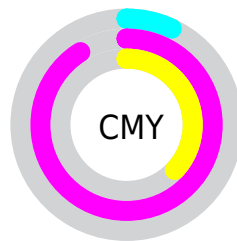
- Red (93%)
- Green (9%)
- Blue (63%)



- Red (93%)
- Yellow (9%)
- Blue (63%)



- Cyan (0%)
- Magenta (90%)
- Yellow (32%)
- Black (7%)



- Cyan (7%)
- Magenta (91%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED17A0 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 ED17A0 by changing the saturation by 10% instead.



 ED17A0

 ED17A0

FFFFFF

 CE0086

 FF67D7

 B0006C

 FF86F3

 910054

 FFA4FF

 74003D

 FFC2FF

 570027

 FFE1FF

 390010

 140000

 000000

 ED17A0

 ED17A0

 ED0098

 ED2FA9

 ED46B1

 ED5EBA

 ED76C2

 ED8ECB

 EDA5D3

 EDBDDC

 EDD5E4

 EDECED

# Harmonies

## Analogous

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



B352E1



ED17A0



F90F59

# Triad

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



ED17A0



738800



009BE9

# Complementary

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



ED17A0



17ED64

# 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.



009DA8



ED17A0



009500

# Square

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



ED17A0



B37100



009B5D



0090FF

# Rectangle

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



ED17A0



ED3A2A



009B5D



009CD6



# Sweetspot

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



ED17A0



FFBAE6



6217ED



805771



000000



808080



# Same Dimension

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



ED17A0



FF00A3



ED1737



756A71



B50074



360022



# Inverse Universe

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



ED17A0



FF00A3



17EDCD



756A71



B50074



360022



# Previews

## White Background



This preview shows how the Hex color ED17A0 looks on a white background.

## Color Contrast Check

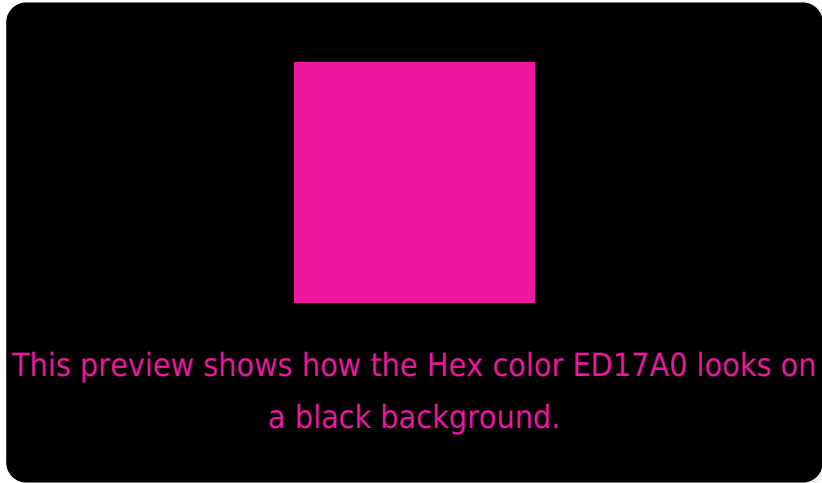
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED17A0 Background



This preview shows how black text looks on a background with the Hex color ED17A0.




This preview shows how white text looks on a background with the Hex color ED17A0.

# 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**  
E74245

# Trichromacy



**Original Color**  
ED17A0



**Protanomaly**  
8A57CA



**Deuteranomaly**  
A95899



**Tritanomaly**  
E93266

# Monochromacy



**Original Color**  
ED17A0



**Achromatopsia**  
676767



**Achromatomaly**  
984A7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED17A0 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 #ED17A0 looks like.

```
.text, #text, p{  
    color:#ED17A0  
}
```

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 #ED17A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED17A0
}
```

## Border

The CSS property to change the border of an element to Hex ED17A0 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
#ED17A0 }
```

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

```
.border{ border-color:#ED17A0 }
```

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

Here you see how a box with a 4 pixel #ED17A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED17A0; -webkit-box-shadow:4px 4px  
4px 4px #ED17A0; box-shadow:4px 4px 4px  
4px #ED17A0 }
```

# Background

The CSS property to change the background color of an element to Hex ED17A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED17A0 }
```

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

```
.background{ background-color:#ED17A0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**