

Converting Colors

Hex(EC00A7)

Have a look what the booklet for
Hex(EC00A7) contains.

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Color

Hex(EC00A7)

Conversions

Conversions Part 1

Format	Color
Hex	EC00A7
RGB	236, 0, 167
RGB Percent	93%, 0%, 65%
CMY	0.0745, 1.0000, 0.3451
CMYK	0.00, 1.00, 0.29, 0.07
HSL	318°, 100%, 46%
HSV	318°, 100%, 93%
XYZ	41.5671, 20.6229, 38.3490
YIQ	89.6020, 87.0490, 101.9690

Conversions

Conversions Part 2

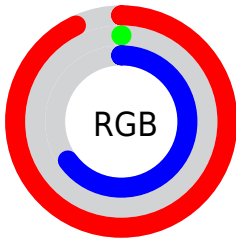
Format	Color
RYB	236, 0, 167
Decimal	15466663
CIELab	52.53, 84.12, -23.08
CIELCh	53, 87.227, 344.658
Yxy	20.6229, 0.4134, 0.2051
Android (android.graphics.Color)	4293656743 (0xFFEC00A7)
YUV	89.6020, 38.1572, 128.3910
Hunter-Lab	45.4124, 83.9137, -18.2794

Details

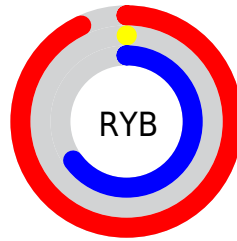
The Hex color **EC00A7** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **00EC45**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF61DE**, and **AF0073** is the 20% darker color. If you saturate the color by 10%, you get **EC00A7**, and if you desaturate by 10%, it is **EC18AE**.

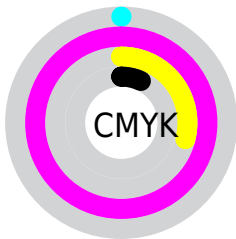
Distribution



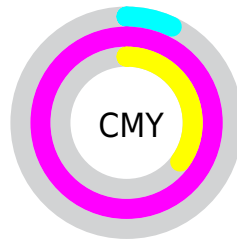
- Red (93%)
- Green (0%)
- Blue (65%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color EC00A7 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 EC00A7 by changing the saturation by 10% instead.

 EC00A7

 EC00A7

FFFFFF

 CD008C

 FF61DE

 AF0073

 FF81FB

 90005A

 FFA0FF

 730042

 FFBEFF

 56002C

 FFDDFF

 380016

 FFFBFF

 140000

 000000

 EC00A7

 EC18AE

 EC2FB5

 EC47BC

 EC5EC3

 EC76C9

 EC8ED0

 ECA5D7

 ECBDDE

 ECD4E5

Harmonies

Analogous

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



AA53EA



EC00A7



FC005D

Triad

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



EC00A7



778600



009BE6

Complementary

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



EC00A7



00EC45

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.



009CA1



EC00A7



009300

Square

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



EC00A7



B86C00



009A53



0091FF

Rectangle

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



EC00A7



F12B2C



009A53



009CD2

Sweetspot

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



EC00A7



FFB3E9



4300EC



805272



000000



808080

Same Dimension

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



EC00A7



FF00B4



EC0033



756A72



B50080



360026

Inverse Universe

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



EC00A7



FF00B4



00ECB9



756A72



B50080



360026

Previews

White Background



This preview shows how the Hex color EC00A7 looks on a white background.

Color Contrast Check

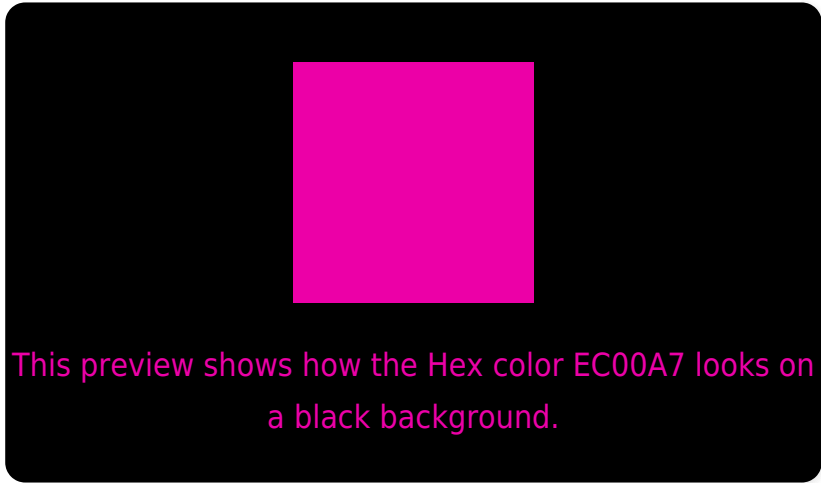
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC00A7 Background



This preview shows how black text looks on a background with the Hex color EC00A7.



This preview shows how white text looks on a background with the Hex color EC00A7.

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
E54245

Trichromacy



Original Color
EC00A7



Protanomaly
804ED4



Deuteranomaly
A54FA0



Tritanomaly
E82A69

Monochromacy



Original Color
EC00A7



Achromatopsia
5A5A5A



Achromatomaly
8F3976

CSS Examples

Text

The CSS property to change the color of the text to Hex EC00A7 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 #EC00A7 looks like.

```
.text, #text, p{  
    color:#EC00A7  
}
```

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 #EC00A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC00A7
}
```

Border

The CSS property to change the border of an element to Hex EC00A7 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
#EC00A7 }
```

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

```
.border{ border-color:#EC00A7 }
```

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

Here you see how a box with a 4 pixel #EC00A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC00A7; -webkit-box-shadow:4px 4px  
4px 4px #EC00A7; box-shadow:4px 4px 4px  
4px #EC00A7 }
```

Background

The CSS property to change the background color of an element to Hex EC00A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC00A7 }
```

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

```
.background{ background-color:#EC00A7 }
```

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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