

# Converting Colors

Hex(EA00C1)

Have a look what the booklet for  
Hex(EA00C1) contains.

<b>Hex(EA00C1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(EA00C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA00C1
RGB	234, 0, 193
RGB Percent	92%, 0%, 76%
CMY	0.0824, 1.0000, 0.2431
CMYK	0.00, 1.00, 0.18, 0.08
HSL	311°, 100%, 46%
HSV	311°, 100%, 92%
XYZ	43.5573, 21.3427, 52.2759
YIQ	91.9680, 77.5110, 109.6310

# Conversions

## Conversions Part 2

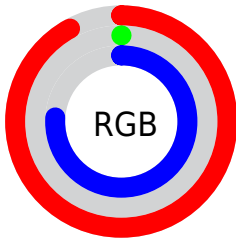
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 0, 193
Decimal	15335617
CIELab	53.32, 86.68, -37.09
CIELCh	53, 94.284, 336.838
Yxy	21.3427, 0.3717, 0.1821
Android (android.graphics.Color)	4293525697 (0xFFEA00C1)
YUV	91.9680, 49.8088, 124.5621
Hunter-Lab	46.1981, 87.4497, -34.7514

# Details

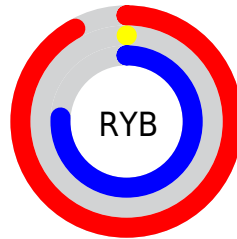
The Hex color **EA00C1** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **00EA29**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF62FA**, and **AD008B** is the 20% darker color. If you saturate the color by 10%, you get **EA00C1**, and if you desaturate by 10%, it is **EA17C5**.

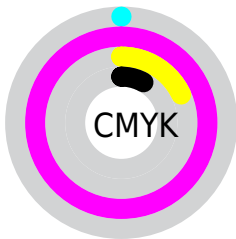
# Distribution



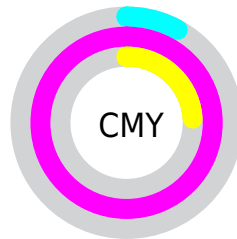
- Red (92%)
- Green (0%)
- Blue (76%)



- Red (92%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA00C1 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 EA00C1 by changing the saturation by 10% instead.



 EA00C1

 EA00C1

FFFFFF

 CB00A6

 FF62FA

 AD008B

 FF82FF

 8F0071

 FFA1FF

 720058

 FFBFFF

 550040

 FFDEFF

 380029

 FFFDFF

 170013

 000000

 EA00C1

 EA17C5

 EA2FC9

 EA46CD

 EA5ED1

 EA75D6

 EA8CDA

 EAA4DE

 EABBE2

 EAD3E6

# Harmonies

## Analogous

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



8F5EFF



EA00C1



FF0071

# Triad

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



EA00C1



8B8300



009FE0

# Complementary

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



EA00C1



00EA29

# 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.



00A091



EA00C1



239400

# Square

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



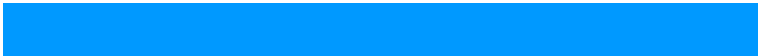
EA00C1



CC6200



009C39



0099FF

# Rectangle

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



EA00C1



FF003C



009C39



00A0C7



# Sweetspot

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



EA00C1



FFB3F2



2700EA



805277



000000



808080



# Same Dimension

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



EA00C1



FF00D2



EA004E



756A73



B50095



36002C



# Inverse Universe

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



EA00C1



FF00D2



00EA9C



756A73



B50095



36002C



# Previews

## White Background



This preview shows how the Hex color EA00C1 looks on a white background.

## Color Contrast Check

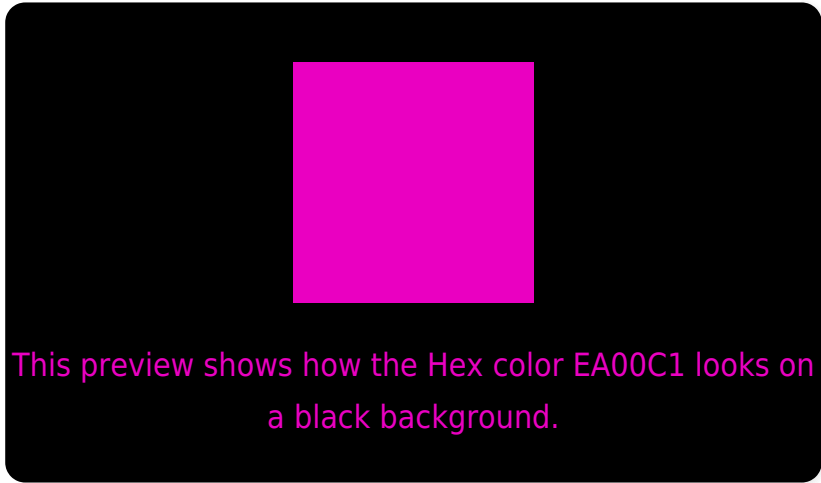
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA00C1 Background



This preview shows how black text looks on a background with the Hex color EA00C1.



This preview shows how white text looks on a background with the Hex color EA00C1.

# 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**  
E04C50

# Trichromacy



**Original Color**  
EA00C1



**Protanomaly**  
7150E8



**Deuteranomaly**  
9C51B9



**Tritanomaly**  
E43079

# Monochromacy



**Original Color**  
EA00C1



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
903B81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA00C1 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 #EA00C1 looks like.

```
.text, #text, p{  
    color:#EA00C1  
}
```

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 #EA00C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA00C1
}
```

## Border

The CSS property to change the border of an element to Hex EA00C1 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
#EA00C1 }
```

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

```
.border{ border-color:#EA00C1 }
```

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

Here you see how a box with a 4 pixel #EA00C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA00C1; -webkit-box-shadow:4px 4px  
4px 4px #EA00C1; box-shadow:4px 4px 4px  
4px #EA00C1 }
```

# Background

The CSS property to change the background color of an element to Hex EA00C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA00C1 }
```

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

```
.background{ background-color:#EA00C1 }
```

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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