

# Converting Colors

Hex(EB00A9)

Have a look what the booklet for  
Hex(EB00A9) contains.

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**Color**

**Hex(EB00A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB00A9
RGB	235, 0, 169
RGB Percent	92%, 0%, 66%
CMY	0.0784, 1.0000, 0.3373
CMYK	0.00, 1.00, 0.28, 0.08
HSL	317°, 100%, 46%
HSV	317°, 100%, 92%
XYZ	41.4224, 20.5267, 39.3150
YIQ	89.5310, 85.8110, 102.3790

# Conversions

## Conversions Part 2

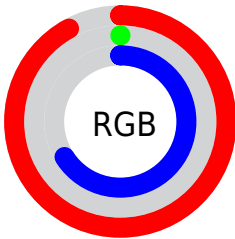
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 0, 169
Decimal	15401129
CIE <sub>Lab</sub>	52.43, 84.14, -24.44
CIE <sub>LCh</sub>	52, 87.615, 343.804
Yxy	20.5267, 0.4091, 0.2027
Android (android.graphics.Color)	4293591209 (0xFFEB00A9)
YUV	89.5310, 39.1782, 127.5763
Hunter-Lab	45.3064, 83.9111, -19.7348

# Details

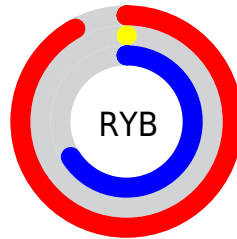
The Hex color **EB00A9** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **00EB42**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF61E0**, and **AE0075** is the 20% darker color. If you saturate the color by 10%, you get **EB00A9**, and if you desaturate by 10%, it is **EB17B0**.

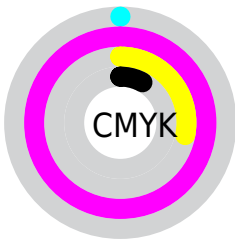
# Distribution



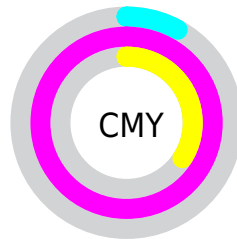
- Red (92%)
- Green (0%)
- Blue (66%)



- Red (92%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB00A9 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 EB00A9 by changing the saturation by 10% instead.



 EB00A9

 EB00A9

FFFFFF

 CC008E

 FF61E0

 AE0075

 FF81FD

 90005C

 FFA0FF

 720044

 FFBEFF

 55002E

 FFD0FF

 380018

 FFFBFF

 130000

 000000

 EB00A9

 EB17B0

 EB2FB6

 EB47BD

 EB5EC3

 EB76CA

 EB8DD1

 EBA4D7

 EBBCDE

 EBD3E4

# Harmonies

## Analogous

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



A753EB



EB00A9



FC005E

# Triad

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



EB00A9



798500



009BE5

# Complementary

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



EB00A9



00EB42

# 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.



009C9F



EB00A9



009300

# Square

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



EB00A9



B96A00



009950



0092FF

# Rectangle

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



EB00A9



F2272E



009950



009CD0



# Sweetspot

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



EB00A9



FFB3EA



3F00EB



805273



000000



808080



# Same Dimension

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



EB00A9



FF00B7



EB0037



756A72



B50082



360027



# Inverse Universe

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



EB00A9



FF00B7



00EBB4



756A72



B50082



360027



# Previews

## White Background



This preview shows how the Hex color EB00A9 looks on a white background.

## Color Contrast Check

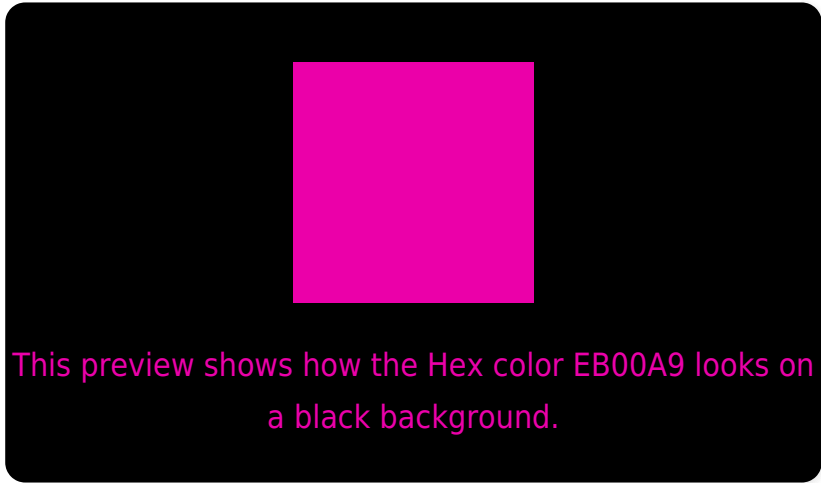
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB00A9 Background



This preview shows how black text looks on a background with the Hex color EB00A9.




This preview shows how white text looks on a background with the Hex color EB00A9.

# 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**  
E44346

# Trichromacy



**Original Color**  
EB00A9



**Protanomaly**  
7D4ED7



**Deuteranomaly**  
A44FA2



**Tritanomaly**  
E72B6A

# Monochromacy



**Original Color**  
EB00A9



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
8F3977

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB00A9 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 #EB00A9 looks like.

```
.text, #text, p{  
    color:#EB00A9  
}
```

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 #EB00A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB00A9
}
```

## Border

The CSS property to change the border of an element to Hex EB00A9 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
#EB00A9 }
```

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

```
.border{ border-color:#EB00A9 }
```

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

Here you see how a box with a 4 pixel #EB00A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB00A9; -webkit-box-shadow:4px 4px  
4px 4px #EB00A9; box-shadow:4px 4px 4px  
4px #EB00A9 }
```

# Background

The CSS property to change the background color of an element to Hex EB00A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB00A9 }
```

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

```
.background{ background-color:#EB00A9 }
```

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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