

# Converting Colors

Hex(EB00B5)

Have a look what the booklet for  
Hex(EB00B5) contains.

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**Color**

**Hex(EB00B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB00B5
RGB	235, 0, 181
RGB Percent	92%, 0%, 71%
CMY	0.0784, 1.0000, 0.2902
CMYK	0.00, 1.00, 0.23, 0.08
HSL	314°, 100%, 46%
HSV	314°, 100%, 92%
XYZ	42.6014, 20.9984, 45.5238
YIQ	90.8990, 81.9590, 106.1110

# Conversions

## Conversions Part 2

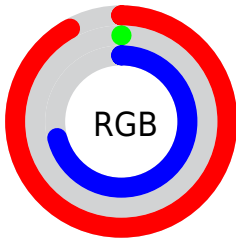
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 0, 181
Decimal	15401141
CIE <sub>Lab</sub>	52.95, 85.46, -30.68
CIE <sub>LCh</sub>	53, 90.798, 340.254
Yxy	20.9984, 0.3904, 0.1924
Android (android.graphics.Color)	4293591221 (0xFFEB00B5)
YUV	90.8990, 44.4198, 126.3766
Hunter-Lab	45.8240, 85.7552, -26.8248

# Details

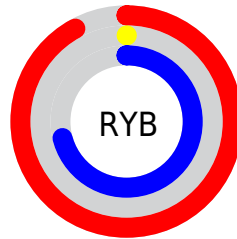
The Hex color **EB00B5** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **00EB36**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF62ED**, and **AE0080** is the 20% darker color. If you saturate the color by 10%, you get **EB00B5**, and if you desaturate by 10%, it is **EB17BA**.

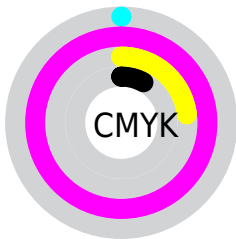
# Distribution



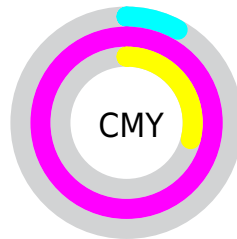
- Red (92%)
- Green (0%)
- Blue (71%)



- Red (92%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB00B5 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 EB00B5 by changing the saturation by 10% instead.



 EB00B5

 EB00B5

FFFFFF

 CC009A

 FF62ED

 AE0080

 FF82FF

 900066

 FFA0FF

 72004E

 FFBFFF

 560037

 FFDDFF

 390021

 FFFCFF

 180004

 000000

 EB00B5

 EB17BA

 EB2FC0

 EB47C5

 EB5ECB

 EB76D0

 EB8DD5

 EBA4DB

 EBBCE0

 EBD3E6

# Harmonies

## Analogous

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



9D59F8



EB00B5



FF0068

# Triad

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



EB00B5



828400



009DE3

# Complementary

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



EB00B5



00EB36

# 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.



009E98



EB00B5



0B9400

# Square

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



EB00B5



C36700



009B45



0095FF

# Rectangle

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



EB00B5



FA1135



009B45



009ECC



# Sweetspot

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



EB00B5



FFB3ED



3300EB



805275



000000



808080



# Same Dimension

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



EB00B5



FF00C4



EB0043



756A73



B5008B



360029



# Inverse Universe

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



EB00B5



FF00C4



00EBA8



756A73



B5008B



360029



# Previews

## White Background



This preview shows how the Hex color EB00B5 looks on a white background.

## Color Contrast Check

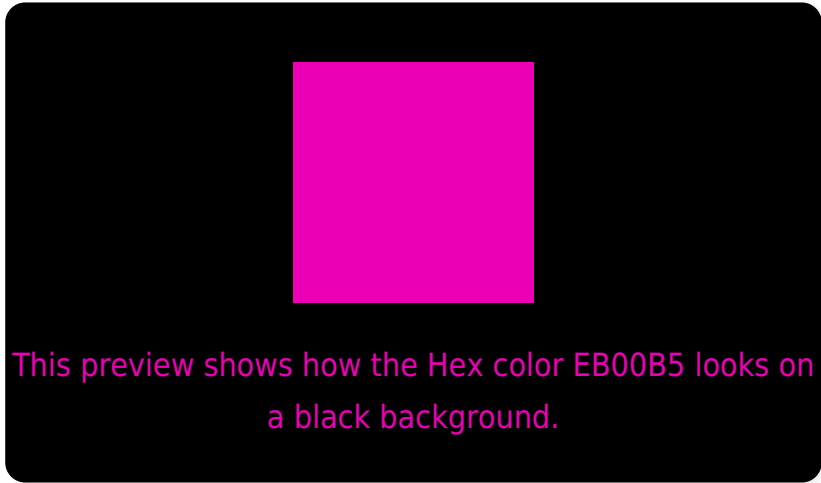
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB00B5 Background



This preview shows how black text looks on a background with the Hex color EB00B5.



This preview shows how white text looks on a background with the Hex color EB00B5.

# 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**  
E3474B

# Trichromacy



**Original Color**  
EB00B5



**Protanomaly**  
704FE4



**Deuteranomaly**  
A150AD



**Tritanomaly**  
E62D72

# Monochromacy



**Original Color**  
EB00B5



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
8F3A7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB00B5 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 #EB00B5 looks like.

```
.text, #text, p{  
    color:#EB00B5  
}
```

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 #EB00B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB00B5
}
```

## Border

The CSS property to change the border of an element to Hex EB00B5 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
#EB00B5 }
```

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

```
.border{ border-color:#EB00B5 }
```

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

Here you see how a box with a 4 pixel #EB00B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB00B5; -webkit-box-shadow:4px 4px  
4px 4px #EB00B5; box-shadow:4px 4px 4px  
4px #EB00B5 }
```

# Background

The CSS property to change the background color of an element to Hex EB00B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB00B5 }
```

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

```
.background{ background-color:#EB00B5 }
```

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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