

Converting Colors

Hex(EB17CA)

Have a look what the booklet for
Hex(EB17CA) contains.

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Color

Hex(EB17CA)

Conversions

Conversions Part 1

Format	Color
Hex	EB17CA
RGB	235, 23, 202
RGB Percent	92%, 9%, 79%
CMY	0.0784, 0.9098, 0.2078
CMYK	0.00, 0.90, 0.14, 0.08
HSL	309°, 84%, 51%
HSV	309°, 90%, 92%
XYZ	45.2280, 22.5392, 57.8438
YIQ	106.7940, 68.8930, 100.6130

Conversions

Conversions Part 2

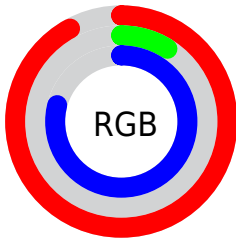
Format	Color
R _Y B	235, 23, 202
Decimal	15407050
CIE Lab	54.59, 86.07, -40.27
CIE LCh	55, 95.021, 334.928
Yxy	22.5392, 0.3601, 0.1794
Android (android.graphics.Color)	4293597130 (0xFFEB17CA)
YUV	106.7940, 46.9366, 112.4367
Hunter-Lab	47.4755, 86.9677, -39.0057

Details

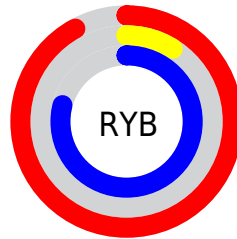
The Hex color **EB17CA** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **17EB38**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF68FF**, and **AE0093** is the 20% darker color. If you saturate the color by 10%, you get **EB00C6**, and if you desaturate by 10%, it is **EB2FCE**.

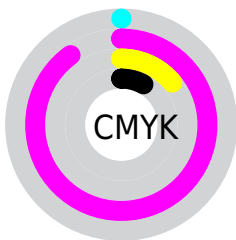
Distribution



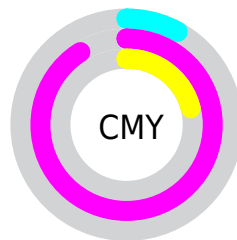
- Red (92%)
- Green (9%)
- Blue (79%)



- Red (92%)
- Yellow (9%)
- Blue (79%)



- Cyan (0%)
- Magenta (90%)
- Yellow (14%)
- Black (8%)



- Cyan (8%)
- Magenta (91%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB17CA 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 EB17CA by changing the saturation by 10% instead.

 EB17CA

 EB17CA

FFFFFF

 CC00AE

 FF68FF

 AE0093

 FF88FF

 910079

 FFA6FF

 730060

 FFC5FF

 570047

 FFE3FF

 3A0030

 1B001A

 000000

 EB17CA

 EB17CA

 EB00C6

 EB2FCE

 EB46D1

 EB5ED5

 EB75D9

 EB8DDC

 EBA4E0

 EBBBE4

 EBD3E7

 EBEBEB

Harmonies

Analogous

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



8964FF



EB17CA



FF0079

Triad

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



EB17CA



938400



00A3E0

Complementary

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



EB17CA



17EB38

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.



00A38F



EB17CA



329700

Square

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



EB17CA



D46200



00A035



009DFF

Rectangle

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



EB17CA



FF0044



00A035



00A4C6

Sweetspot

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



EB17CA



FFBAF4



3717EB



805779



000000



808080

Same Dimension

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



EB17CA



FF00D7



EB1761



756A73



B50099



36002D

Inverse Universe

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



EB17CA



FF00D7



17EBA1



756A73



B50099



36002D

Previews

White Background



This preview shows how the Hex color EB17CA 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

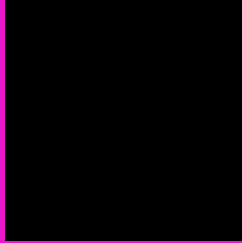
Any Text WCAG AA ✓ Pass

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 EB17CA Background



This preview shows how black text looks on a background with the Hex color EB17CA.

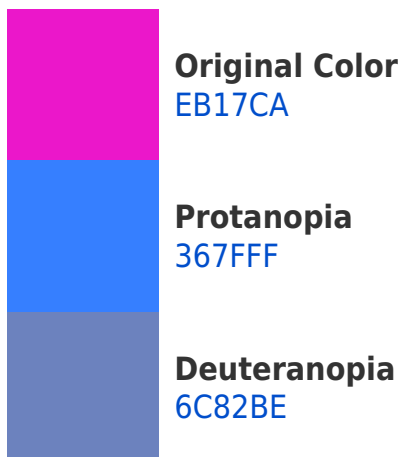


This preview shows how white text looks on a background with the Hex color EB17CA.

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
E15156

Trichromacy



Original Color
EB17CA



Protanomaly
7859EC



Deuteranomaly
9A5BC2



Tritanomaly
E53C80

Monochromacy



Original Color
EB17CA



Achromatopsia
6B6B6B



Achromatomaly
9A4C8E

CSS Examples

Text

The CSS property to change the color of the text to Hex EB17CA 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 #EB17CA looks like.

```
.text, #text, p{  
    color:#EB17CA  
}
```

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 #EB17CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB17CA
}
```

Border

The CSS property to change the border of an element to Hex EB17CA 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
#EB17CA }
```

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

```
.border{ border-color:#EB17CA }
```

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

Here you see how a box with a 4 pixel #EB17CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB17CA; -webkit-box-shadow:4px 4px  
4px 4px #EB17CA; box-shadow:4px 4px 4px  
4px #EB17CA }
```

Background

The CSS property to change the background color of an element to Hex EB17CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB17CA }
```

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

```
.background{ background-color:#EB17CA }
```

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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