

Converting Colors

Hex(EB05A8)

Have a look what the booklet for
Hex(EB05A8) contains.

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Color

Hex(EB05A8)

Conversions

Conversions Part 1

Format	Color
Hex	EB05A8
RGB	235, 5, 168
RGB Percent	92%, 2%, 66%
CMY	0.0784, 0.9804, 0.3412
CMYK	0.00, 0.98, 0.29, 0.08
HSL	317°, 96%, 47%
HSV	317°, 98%, 92%
XYZ	41.3831, 20.5979, 38.8404
YIQ	92.3520, 84.7570, 99.4530

Conversions

Conversions Part 2

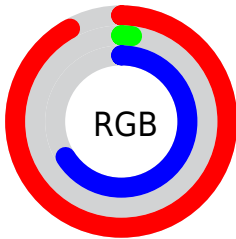
Format	Color
R_{YB}	235, 5, 168
Decimal	15402408
CIE _{Lab}	52.51, 83.68, -23.73
CIE _{LCh}	53, 86.976, 344.169
Yxy	20.5979, 0.4105, 0.2043
Android (android.graphics.Color)	4293592488 (0xFFEB05A8)
YUV	92.3520, 37.2945, 125.1023
Hunter-Lab	45.3849, 83.3374, -18.9711

Details

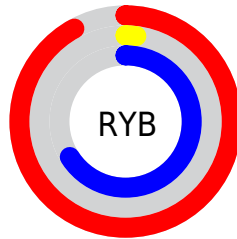
The Hex color **EB05A8** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **05EB48**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF62DF**, and **AE0074** is the 20% darker color. If you saturate the color by 10%, you get **EB00A7**, and if you desaturate by 10%, it is **EB1DAF**.

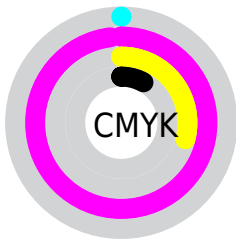
Distribution



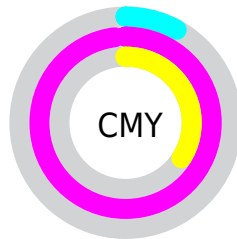
- Red (92%)
- Green (2%)
- Blue (66%)



- Red (92%)
- Yellow (2%)
- Blue (66%)



- Cyan (0%)
- Magenta (98%)
- Yellow (29%)
- Black (8%)



- Cyan (8%)
- Magenta (98%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB05A8 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 EB05A8 by changing the saturation by 10% instead.

 EB05A8

 EB05A8

FFFFFF

 CC008D

 FF62DF

 AE0074

 FF82FC

 90005B

 FFA0FF

 720043

 FFBFFF

 55002D

 FFDDFF

 380017

 FFFCFF

 130000

 000000

 EB05A8

 EB05A8

■ EB00A7

■ EB1DAF

■ EB34B6

■ EB4BBD

■ EB63C3

■ EB7ACA

■ EB92D1

■ EBAAD8

■ EBC1DF

■ EBD8E6

Harmonies

Analogous

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



A953EA



EB05A8



FC005E

Triad

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



EB05A8



788500



009BE5

Complementary

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



EB05A8



05EB48

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.



009CA0



EB05A8



009300

Square

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



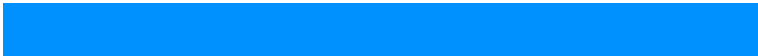
EB05A8



B86B00



009A51



0091FF

Rectangle

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



EB05A8



F12A2D



009A51



009CD0

Sweetspot

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



EB05A8



FFB5E9



4605EB



805373



000000



808080

Same Dimension

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



EB05A8



FF00B5



EB0537



756A72



B50080



360026

Inverse Universe

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



EB05A8



FF00B5



05EBB9



756A72



B50080



360026

Previews

White Background



This preview shows how the Hex color EB05A8 looks on a white background.

Color Contrast Check

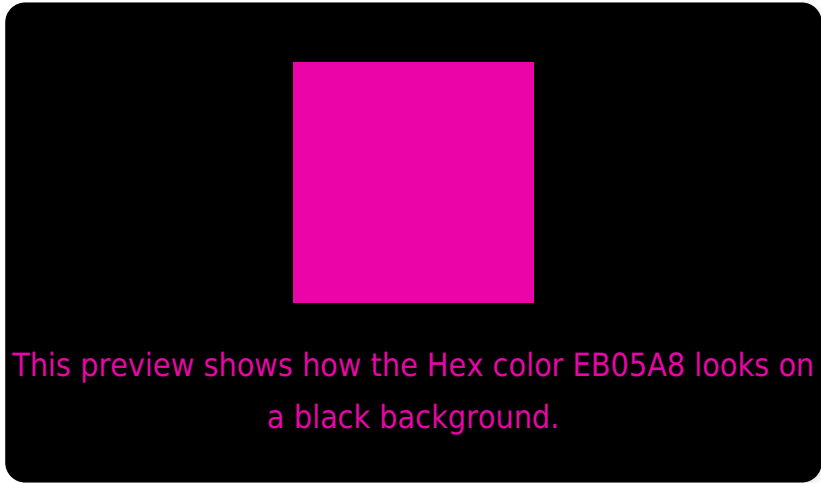
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB05A8 Background



This preview shows how black text looks on a background with the Hex color EB05A8.




This preview shows how white text looks on a background with the Hex color EB05A8.

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
E44245

Trichromacy



Original Color
EB05A8



Protanomaly
7E50D5



Deuteranomaly
A451A1



Tritanomaly
E72C69

Monochromacy



Original Color
EB05A8



Achromatopsia
5C5C5C



Achromatomaly
903C78

CSS Examples

Text

The CSS property to change the color of the text to Hex EB05A8 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 #EB05A8 looks like.

```
.text, #text, p{  
    color:#EB05A8  
}
```

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 #EB05A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB05A8  
}
```

Border

The CSS property to change the border of an element to Hex EB05A8 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  
#EB05A8 }
```

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

```
.border{ border-color:#EB05A8 }
```

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

Here you see how a box with a 4 pixel #EB05A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB05A8; -webkit-box-shadow:4px 4px  
4px 4px #EB05A8; box-shadow:4px 4px 4px  
4px #EB05A8 }
```

Background

The CSS property to change the background color of an element to Hex EB05A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB05A8 }
```

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

```
.background{ background-color:#EB05A8 }
```

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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