

Converting Colors

Hex(EB00C4)

Have a look what the booklet for
Hex(EB00C4) contains.

Hex(EB00C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EB00C4)

Conversions

Conversions Part 1

Format	Color
Hex	EB00C4
RGB	235, 0, 196
RGB Percent	92%, 0%, 77%
CMY	0.0784, 1.0000, 0.2314
CMYK	0.00, 1.00, 0.17, 0.08
HSL	310°, 100%, 46%
HSV	310°, 100%, 92%
XYZ	44.2248, 21.6477, 54.0721
YIQ	92.6090, 77.1440, 110.7760

Conversions

Conversions Part 2

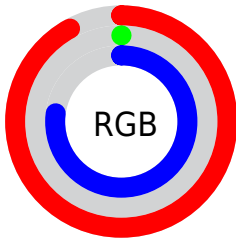
Format	Color
R_{YB}	235, 0, 196
Decimal	15401156
CIE _{Lab}	53.65, 87.23, -38.29
CIE _{LCh}	54, 95.261, 336.299
Yxy	21.6477, 0.3687, 0.1805
Android (android.graphics.Color)	4293591236 (0xFFEB00C4)
YUV	92.6090, 50.9718, 124.8769
Hunter-Lab	46.5271, 88.2448, -36.3357

Details

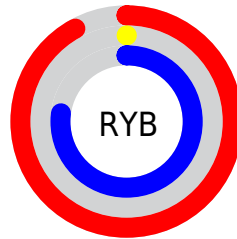
The Hex color **EB00C4** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **00EB27**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF63FD**, and **AE008E** is the 20% darker color. If you saturate the color by 10%, you get **EB00C4**, and if you desaturate by 10%, it is **EB17C8**.

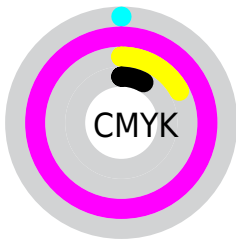
Distribution



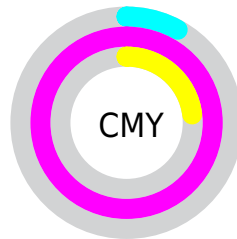
- Red (92%)
- Green (0%)
- Blue (77%)



- Red (92%)
- Yellow (0%)
- Blue (77%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color EB00C4 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 EB00C4 by changing the saturation by 10% instead.

 EB00C4

 EB00C4

FFFFFF

 CC00A8

 FF63FD

 AE008E

 FF82FF

 900074

 FFA1FF

 73005B

 FFC0FF

 560043

 FFDEFF

 39002C

 FFFDFF

 190015

 000000

 EB00C4

 EB17C8

 EB2FCC

 EB47D0

 EB5ED4

 EB76D8

 EB8DDB

 EBA4DF

 EBBCE3

 EBD3E7

Harmonies

Analogous

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



8D5FFF



EB00C4



FF0073

Triad

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



EB00C4



8D8300



00A1E1

Complementary

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



EB00C4



00EB27

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.



00A190



EB00C4



259500

Square

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



EB00C4



CF6100



009D37



009AFF

Rectangle

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



EB00C4



FF003E



009D37



00A1C8

Sweetspot

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



EB00C4



FFB3F2



2300EB



805278



000000



808080

Same Dimension

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



EB00C4



FF00D5



EB0052



756A73



B50097



36002D

Inverse Universe

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



EB00C4



FF00D5



00EB99



756A73



B50097



36002D

Previews

White Background



This preview shows how the Hex color EB00C4 looks on a white background.

Color Contrast Check

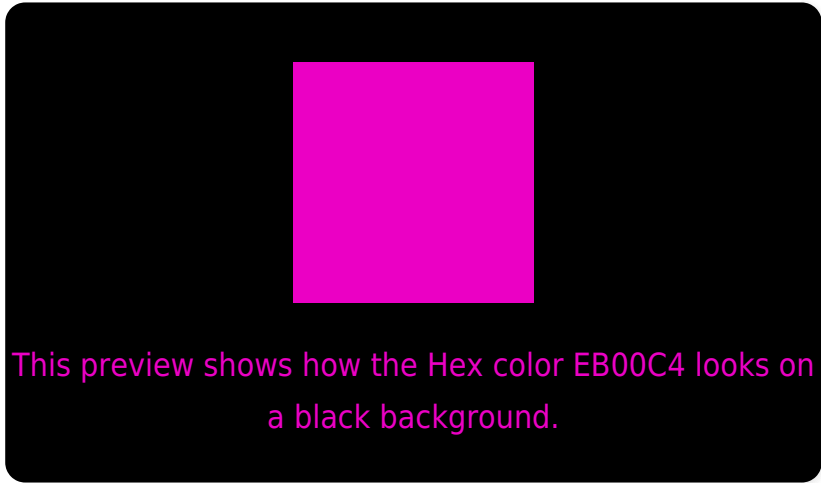
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB00C4 Background



This preview shows how black text looks on a background with the Hex color EB00C4.



This preview shows how white text looks on a background with the Hex color EB00C4.

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
E14D52

Trichromacy



Original Color
EB00C4



Protanomaly
7450EA



Deuteranomaly
9B51BC



Tritanomaly
E5317B

Monochromacy



Original Color
EB00C4



Achromatopsia
5D5D5D



Achromatomaly
913B82

CSS Examples

Text

The CSS property to change the color of the text to Hex EB00C4 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 #EB00C4 looks like.

```
.text, #text, p{  
    color:#EB00C4  
}
```

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 #EB00C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB00C4
}
```

Border

The CSS property to change the border of an element to Hex EB00C4 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
#EB00C4 }
```

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

```
.border{ border-color:#EB00C4 }
```

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

Here you see how a box with a 4 pixel #EB00C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB00C4; -webkit-box-shadow:4px 4px  
4px 4px #EB00C4; box-shadow:4px 4px 4px  
4px #EB00C4 }
```

Background

The CSS property to change the background color of an element to Hex EB00C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB00C4 }
```

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

```
.background{ background-color:#EB00C4 }
```

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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