

Converting Colors

Hex(EB00E7)

Have a look what the booklet for
Hex(EB00E7) contains.

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Color

Hex(**EB00E7**)

Conversions

Conversions Part 1

Format	Color
Hex	EB00E7
RGB	235, 0, 231
RGB Percent	92%, 0%, 91%
CMY	0.0784, 1.0000, 0.0941
CMYK	0.00, 1.00, 0.02, 0.08
HSL	301°, 100%, 46%
HSV	301°, 100%, 92%
XYZ	48.6848, 23.4317, 77.5581
YIQ	96.5990, 65.9090, 121.6610

Conversions

Conversions Part 2

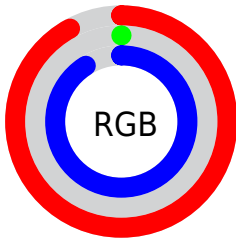
Format	Color
R_{YB}	235, 0, 231
Decimal	15401191
CIE _{Lab}	55.51, 91.81, -55.32
CIE _{LCh}	56, 107.182, 328.930
Yxy	23.4317, 0.3253, 0.1566
Android (android.graphics.Color)	4293591271 (0xFFEB00E7)
YUV	96.5990, 66.2597, 121.3777
Hunter-Lab	48.4063, 94.8158, -61.1119

Details

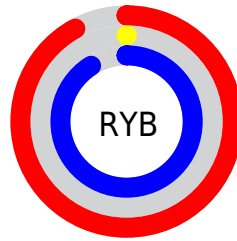
The Hex color **EB00E7** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **00EB04**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF64FF**, and **AE00AF** is the 20% darker color. If you saturate the color by 10%, you get **EB00E7**, and if you desaturate by 10%, it is **EB17E7**.

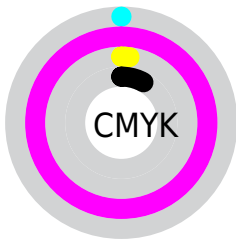
Distribution



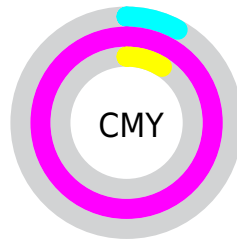
- Red (92%)
- Green (0%)
- Blue (91%)



- Red (92%)
- Yellow (0%)
- Blue (91%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB00E7 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 EB00E7 by changing the saturation by 10% instead.

 EB00E7

 EB00E7

FFFFFF

 CC00CA

 FF64FF

 AE00AF

 FF85FF

 900093

 FFA4FF

 730079

 FFC3FF

 55005F

 FFE1FF

 390047

 1A002F

 000119

 000000

 EB00E7

 EB17E7

 EB2FE8

 EB47E8

 EB5EE9

 EB76E9

 EB8DE9

 EBA4EA

 EBBCEA

 EBD3EB

Harmonies

Analogous

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



576DFF



EB00E7



FF008D

Triad

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



EB00E7



A58100



00A9DE

Complementary

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



EB00E7



00EB04

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.



00A87F



EB00E7



429800

Square

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



EB00E7



EA5300



00A306



00A5FF

Rectangle

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



EB00E7



FF0050



00A306



00A9C0

Sweetspot

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



EB00E7



FFB3FE



0400EB



80527F



000000



808080

Same Dimension

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



EB00E7



FF00FB



EB0072



756A75



B500B2



360035

Inverse Universe

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



EB00E7



FF00FB



00EB79



756A75



B500B2



360035

Previews

White Background



This preview shows how the Hex color EB00E7 looks on a white background.

Color Contrast Check

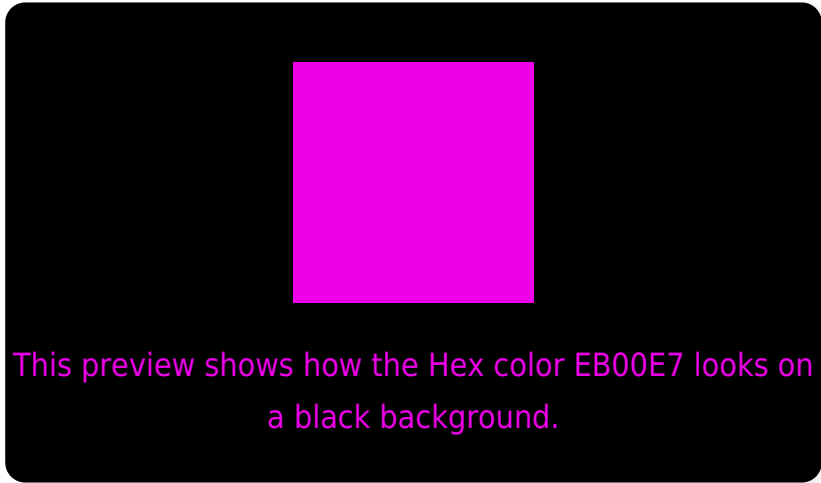
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB00E7 Background



This preview shows how black text looks on a background with the Hex color EB00E7.

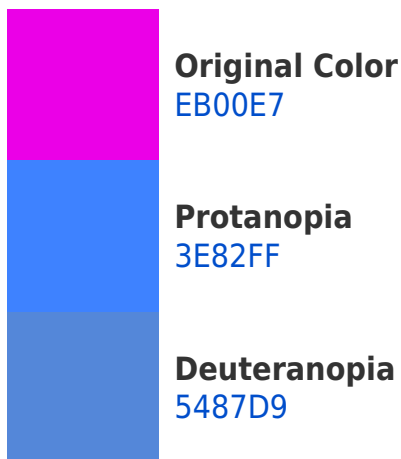


This preview shows how white text looks on a background with the Hex color EB00E7.

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
DD5B61

Trichromacy



Original Color
EB00E7



Protanomaly
7D53F6



Deuteranomaly
8B56DE



Tritanomaly
E23A92

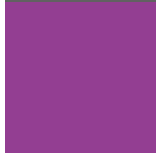
Monochromacy



Original Color
EB00E7



Achromatopsia
616161



Achromatomaly
933E92

CSS Examples

Text

The CSS property to change the color of the text to Hex EB00E7 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 #EB00E7 looks like.

```
.text, #text, p{  
    color:#EB00E7  
}
```

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 #EB00E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB00E7
}
```

Border

The CSS property to change the border of an element to Hex EB00E7 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
#EB00E7 }
```

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

```
.border{ border-color:#EB00E7 }
```

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

Here you see how a box with a 4 pixel #EB00E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB00E7; -webkit-box-shadow:4px 4px  
4px 4px #EB00E7; box-shadow:4px 4px 4px  
4px #EB00E7 }
```

Background

The CSS property to change the background color of an element to Hex EB00E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB00E7 }
```

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

```
.background{ background-color:#EB00E7 }
```

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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