

Converting Colors

Hex(EB007F)

Have a look what the booklet for
Hex(EB007F) contains.

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Color

Hex(EB007F)

Conversions

Conversions Part 1

Format	Color
Hex	EB007F
RGB	235, 0, 127
RGB Percent	92%, 0%, 50%
CMY	0.0784, 1.0000, 0.5020
CMYK	0.00, 1.00, 0.46, 0.08
HSL	328°, 100%, 46%
HSV	328°, 100%, 92%
XYZ	38.0917, 19.1945, 21.7759
YIQ	84.7430, 99.2930, 89.3170

Conversions

Conversions Part 2

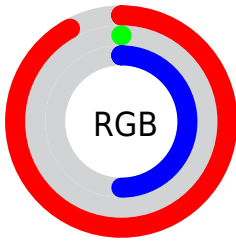
Format	Color
R_{YB}	235, 0, 127
Decimal	15401087
CIE _{Lab}	50.91, 80.22, -1.59
CIE _{LCh}	51, 80.232, 358.864
Yxy	19.1945, 0.4818, 0.2428
Android (android.graphics.Color)	4293591167 (0xFFEB007F)
YUV	84.7430, 20.8327, 131.7754
Hunter-Lab	43.8115, 78.5259, 1.1987

Details

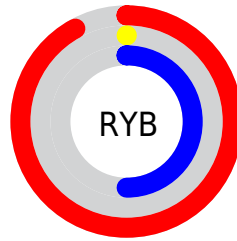
The Hex color **EB007F** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **00EB6C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5FB4**, and **AD004E** is the 20% darker color. If you saturate the color by 10%, you get **EB007F**, and if you desaturate by 10%, it is **EB178A**.

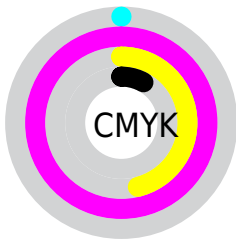
Distribution



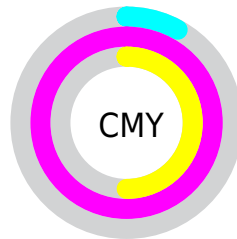
- Red (92%)
- Green (0%)
- Blue (50%)



- Red (92%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB007F 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 EB007F by changing the saturation by 10% instead.

 EB007F

 EB007F

FFFFFF

 CC0066

 FF5FB4

 AD004E

 FF7FCF

 8E0038

 FF9DEB

 6F0023

 FFBBFF

 53000C

 FFDAFF

 330002

 FFF8FF

 000000

 EB007F

 EB178A

 EB2F95

 EB479F

 EB5EAA

 EB76B5

 EB8DC0

 EBA4CB

 EBB CD5

 EBD3E0

Harmonies

Analogous

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



C63DC1



EB007F



E9293C

Triad

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



EB007F



518800



0091EF

Complementary

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



EB007F



00EB6C

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.



0096BA



EB007F



00912A

Square

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



EB007F



967600



009575



0083FF

Rectangle

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



EB007F



D6A05



009575



0094E0

Sweetspot

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



EB007F



FFB3DC



6A00EB



80526A



000000



808080

Same Dimension

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



EB007F



FF008A



EB000C



756A70



B50062



36001D

Inverse Universe

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



EB007F



FF008A



00EBDF



756A70



B50062



36001D

Previews

White Background



This preview shows how the Hex color EB007F looks on a white background.

Color Contrast Check

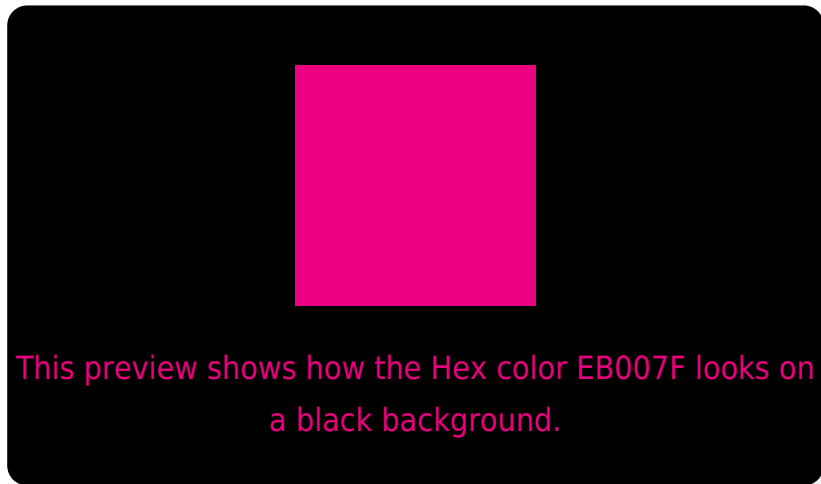
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB007F Background



This preview shows how black text looks on a background with the Hex color EB007F.



This preview shows how white text looks on a background with the Hex color EB007F.

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
E73233

Trichromacy



Original Color
EB007F



Protanomaly
964DA3



Deuteranomaly
AD4C79



Tritanomaly
E8204F

Monochromacy



Original Color
EB007F



Achromatopsia
555555



Achromatomaly
8C3664

CSS Examples

Text

The CSS property to change the color of the text to Hex EB007F 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 #EB007F looks like.

```
.text, #text, p{  
    color:#EB007F  
}
```

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 #EB007F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB007F
}
```

Border

The CSS property to change the border of an element to Hex EB007F 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
#EB007F }
```

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

```
.border{ border-color:#EB007F }
```

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

Here you see how a box with a 4 pixel #EB007F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB007F; -webkit-box-shadow:4px 4px  
4px 4px #EB007F; box-shadow:4px 4px 4px  
4px #EB007F }
```

Background

The CSS property to change the background color of an element to Hex EB007F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB007F }
```

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

```
.background{ background-color:#EB007F }
```

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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