

Converting Colors

Hex(EF0EA7)

Have a look what the booklet for
Hex(EE0EA7) contains.

Hex(EE0EA7)	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(EE0EA7)

Conversions

Conversions Part 1

Format	Color
Hex	EE0EA7
RGB	238, 14, 167
RGB Percent	93%, 5%, 65%
CMY	0.0667, 0.9451, 0.3451
CMYK	0.00, 0.94, 0.30, 0.07
HSL	319°, 89%, 49%
HSV	319°, 94%, 93%
XYZ	42.3920, 21.2812, 38.4326
YIQ	98.4180, 84.3910, 95.0710

Conversions

Conversions Part 2

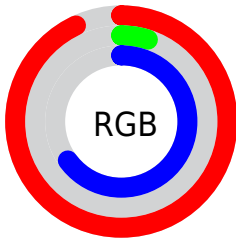
Format	Color
R _Y B	238, 14, 167
Decimal	15601319
CIE Lab	53.26, 83.50, -21.94
CIE LCh	53, 86.336, 345.280
Yxy	21.2812, 0.4152, 0.2084
Android (android.graphics.Color)	4293791399 (0xFFEE0EA7)
YUV	98.4180, 33.8109, 122.4134
Hunter-Lab	46.1316, 83.2998, -17.1029

Details

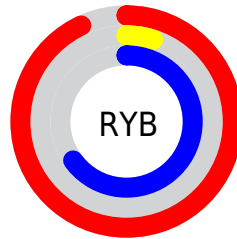
The Hex color **EE0EA7** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **0EEE55**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF65DE**, and **B10073** is the 20% darker color. If you saturate the color by 10%, you get **EE00A3**, and if you desaturate by 10%, it is **EE26AF**.

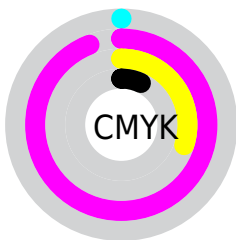
Distribution



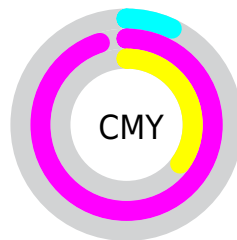
- Red (93%)
- Green (5%)
- Blue (65%)



- Red (93%)
- Yellow (5%)
- Blue (65%)



- Cyan (0%)
- Magenta (94%)
- Yellow (30%)
- Black (7%)



- Cyan (7%)
- Magenta (95%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE0EA7 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 EE0EA7 by changing the saturation by 10% instead.

 EE0EA7

 EE0EA7

FFFFFF

 CF008C

 FF65DE

 B10073

 FF84FB

 92005A

 FFA3FF

 750042

 FFC1FF

 58002C

 FFDFFF

 3A0017

FFFEFF

 180001

 000000

 EE0EA7

 EE0EA7

■ EE00A3

■ EE26AF

■ EE3EB6

■ EE55BE

■ EE6DC5

■ EE85CD

■ EE9DD4

■ EEB5DC

■ EECCE3

■ EEE4EB

Harmonies

Analogous

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



AE54E9



EE0EA7



FD005D

Triad

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



EE0EA7



788800



009CE9

Complementary

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



EE0EA7



0EEE55

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.



009EA5



EE0EA7



009500

Square

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



EE0EA7



B86E00



009C56



0093FF

Rectangle

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



EE0EA7



F2312D



009C56



009DD4

Sweetspot

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



EE0EA7



FFB8E8



550EEE



805472



000000



808080

Same Dimension

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



EE0EA7



FF00AE



EE0E37



786C74



B8007D



380026

Inverse Universe

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



EE0EA7



FF00AE



0EEEC5



786C74



B8007D



380026

Previews

White Background



This preview shows how the Hex color EE0EA7 looks on a white background.

Color Contrast Check

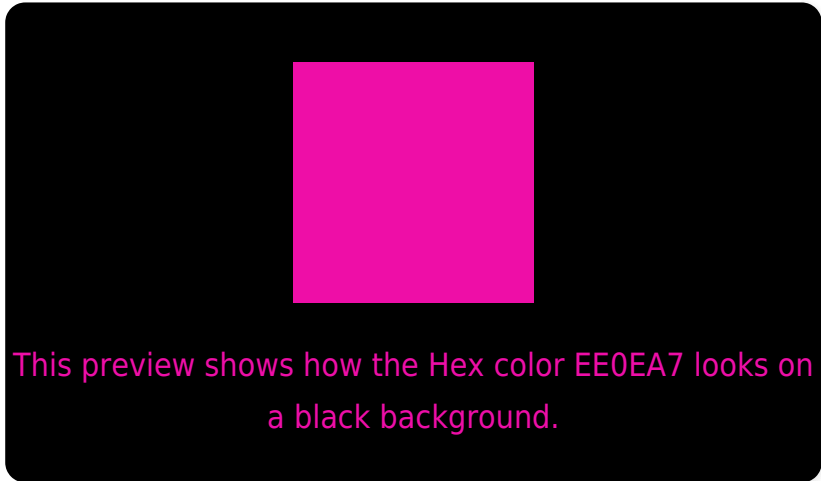
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE0EA7 Background



This preview shows how black text looks on a background with the Hex color EE0EA7.

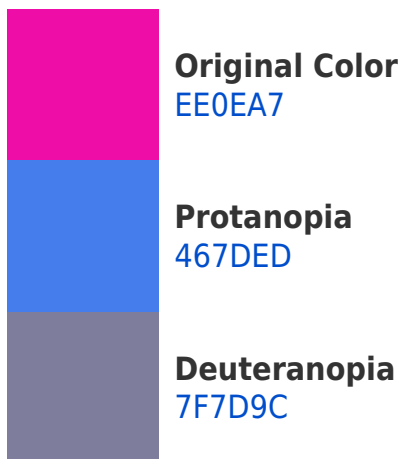



This preview shows how white text looks on a background with the Hex color EE0EA7.

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
E74346

Trichromacy



Original Color
EE0EA7



Protanomaly
8355D4



Deuteranomaly
A755A0

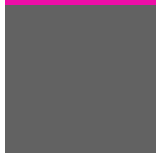


Tritanomaly
EA3069

Monochromacy



Original Color
EE0EA7



Achromatopsia
626262



Achromatomaly
95437B

CSS Examples

Text

The CSS property to change the color of the text to Hex EE0EA7 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 #EE0EA7 looks like.

```
.text, #text, p{  
    color:#EE0EA7  
}
```

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 #EE0EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE0EA7
}
```

Border

The CSS property to change the border of an element to Hex EE0EA7 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
#EE0EA7 }
```

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

```
.border{ border-color:#EE0EA7 }
```

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

Here you see how a box with a 4 pixel #EE0EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE0EA7; -webkit-box-shadow:4px 4px  
4px 4px #EE0EA7; box-shadow:4px 4px 4px  
4px #EE0EA7 }
```

Background

The CSS property to change the background color of an element to Hex EE0EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE0EA7 }
```

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

```
.background{ background-color:#EE0EA7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor