

Converting Colors

Hex(EE85EE)

Have a look what the booklet for
Hex(EE85EE) contains.

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Color

Hex(EE85EE)

Conversions

Conversions Part 1

Format	Color
Hex	EE85EE
RGB	238, 133, 238
RGB Percent	93%, 52%, 93%
CMY	0.0667, 0.4784, 0.0667
CMYK	0.00, 0.44, 0.00, 0.07
HSL	300°, 76%, 73%
HSV	300°, 44%, 93%
XYZ	59.0800, 41.1252, 85.7130
YIQ	176.3650, 28.8750, 54.9150

Conversions

Conversions Part 2

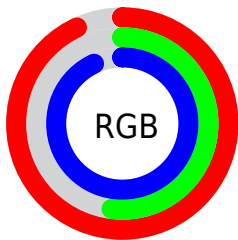
Format	Color
R _Y B	238, 133, 238
Decimal	15631854
CIE Lab	70.26, 54.89, -35.94
CIE LCh	70, 65.607, 326.786
Yxy	41.1252, 0.3178, 0.2212
Android (android.graphics.Color)	4293821934 (0xFFEE85EE)
YUV	176.3650, 30.3861, 54.0539
Hunter-Lab	64.1290, 52.2208, -34.3551

Details

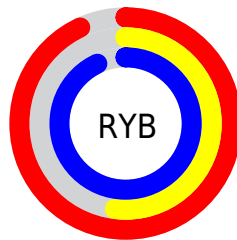
The Hex color **EE85EE** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85EE85**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFBDFE**, and **B44FB6** is the 20% darker color. If you saturate the color by 10%, you get **EE6DEE**, and if you desaturate by 10%, it is **EE9DEE**.

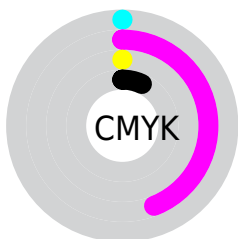
Distribution



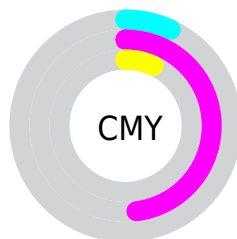
- Red (93%)
- Green (52%)
- Blue (93%)



- Red (93%)
- Yellow (52%)
- Blue (93%)



- Cyan (0%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE85EE 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 EE85EE by changing the saturation by 10% instead.

 EE85EE

 EE85EE

FFFFFF

 D16AD2

 FFBDFE

 B44FB6

 FFD9FF

 98339B

 FFF7FF

 7C1380

 610067

 47004E

 300037

 0B0021

 000005

 EE85EE

 EE85EE

 EE6DEE

 EE9DEE

 EE55EE

 EEB5EE

 EE3EEE

 EECCEE

 EE26EE

 EEE4EE

 EE0EEE

 EEFC EE

 EE00EE

 EEFF EE

Harmonies

Analogous

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



A19FFF



EE85EE



FF74B5

Triad

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



EE85EE



D0A728



00C8E0

Complementary

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



EE85EE



85EE85

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.



00C8A3



EE85EE



96B837

Square

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



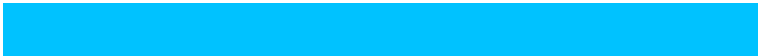
EE85EE



FD8F47



42C367



00C2FF

Rectangle

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



EE85EE



FF758D



42C367



00C8CC

Sweetspot

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



EE85EE



FFDEFF



8585EE



806B80



000000



808080

Same Dimension

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



EE85EE



FF78FF



EE85BA



786C78



B800B8



380038

Inverse Universe

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



EE85EE



FF78FF



85EEBA



786C78



B800B8



380038

Previews

White Background



This preview shows how the Hex color EE85EE looks on a white background.

Color Contrast Check

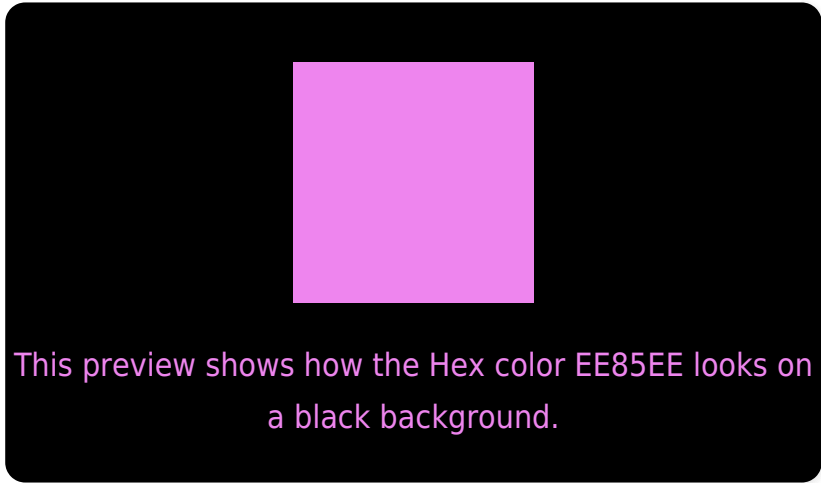
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EE85EE Background



This preview shows how black text looks on a background with the Hex color EE85EE.

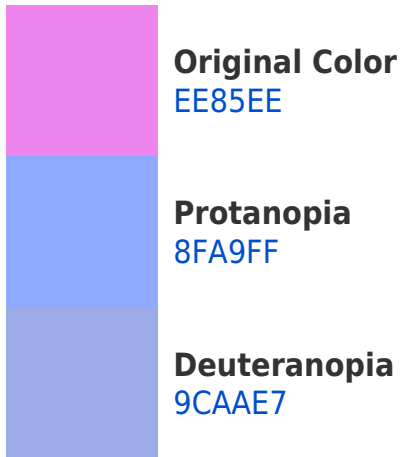


This preview shows how white text looks on a background with the Hex color EE85EE.

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
E496A2

Trichromacy



Original Color
EE85EE



Protanomaly
B29CF9



Deuteranomaly
BA9DEA



Tritanomaly
E890BE

Monochromacy



Original Color
EE85EE



Achromatopsia
B0B0B0



Achromatomaly
C7A0C7

CSS Examples

Text

The CSS property to change the color of the text to Hex EE85EE 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 #EE85EE looks like.

```
.text, #text, p{  
    color:#EE85EE  
}
```

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 #EE85EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE85EE
}
```

Border

The CSS property to change the border of an element to Hex EE85EE 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
#EE85EE }
```

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

```
.border{ border-color:#EE85EE }
```

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

Here you see how a box with a 4 pixel #EE85EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE85EE; -webkit-box-shadow:4px 4px  
4px 4px #EE85EE; box-shadow:4px 4px 4px  
4px #EE85EE }
```

Background

The CSS property to change the background color of an element to Hex EE85EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE85EE }
```

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

```
.background{ background-color:#EE85EE }
```

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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