

Converting Colors

Hex(E E 8 7 D 6)

Have a look what the booklet for
Hex(EE87D6) contains.

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Color

Hex(**EE87D6**)

Conversions

Conversions Part 1

Format	Color
Hex	EE87D6
RGB	238, 135, 214
RGB Percent	93%, 53%, 84%
CMY	0.0667, 0.4706, 0.1608
CMYK	0.00, 0.43, 0.10, 0.07
HSL	314°, 75%, 73%
HSV	314°, 43%, 93%
XYZ	56.0615, 40.3601, 68.4538
YIQ	174.8030, 36.0290, 46.4050

Conversions

Conversions Part 2

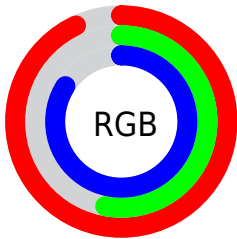
Format	Color
RYB	238, 135, 214
Decimal	15632342
CIELab	69.73, 49.81, -23.53
CIELCh	70, 55.093, 334.715
Yxy	40.3601, 0.3400, 0.2448
Android (android.graphics.Color)	4293822422 (0xFFEE87D6)
YUV	174.8030, 19.3241, 55.4238
Hunter-Lab	63.5296, 46.3398, -19.4149

Details

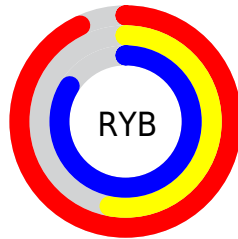
The Hex color **EE87D6** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87EE9F**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFBEFF**, and **B4529F** is the 20% darker color. If you saturate the color by 10%, you get **EE6FD0**, and if you desaturate by 10%, it is **EE9FDC**.

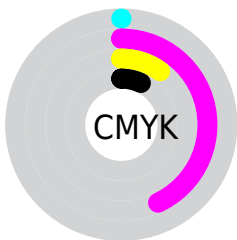
Distribution



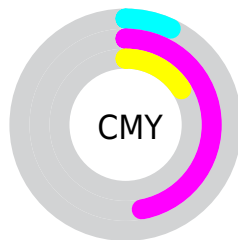
- Red (93%)
- Green (53%)
- Blue (84%)



- Red (93%)
- Yellow (53%)
- Blue (84%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE87D6 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 EE87D6 by changing the saturation by 10% instead.

 EE87D6

 EE87D6

FFFFFF

 D16CBA

 FFBEFF

 B4529F

 FFDBFF

 983785

 FFF8FF

 7D1A6B

 620053

 48003C

 310026

 08000E

 000000

 EE87D6

 EE87D6

 EE6FD0

 EE9FDC

 EE57CB

 EEB7E1

 EE40C5

 EECEE7

 EE28C0

 EEE6EC

 EE10BA

 EEFEF2

 EE00B7

 EEFFF7

 EEFFFD

 EEEFFF

Harmonies

Analogous

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



B89AFD



EE87D6



FF7FA4

Triad

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



EE87D6



BFAA41



00C2E2

Complementary

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



EE87D6



87EE9F

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.



00C3B1



EE87D6



8BB854

Square

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



EE87D6



E9984F



42C07E



00BBFF

Rectangle

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



EE87D6



FF8283



42C07E



00C3D3

Sweetspot

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



EE87D6



FFDEF7



9D87EE



806B7B



000000



808080

Same Dimension

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



EE87D6



FF7AE0



EE87A4



786C75



B8008D



38002B

Inverse Universe

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



EE87D6



FF7AE0



87EED1



786C75



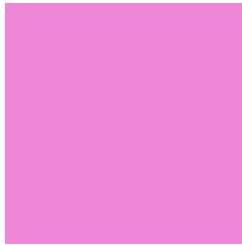
B8008D



38002B

Previews

White Background



This preview shows how the Hex color EE87D6 looks on a white background.

Color Contrast Check

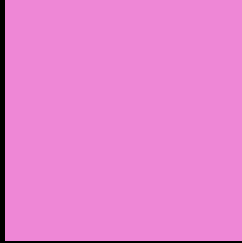
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color EE87D6 looks on a 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 EE87D6 Background



This preview shows how black text looks on a background with the Hex color EE87D6.

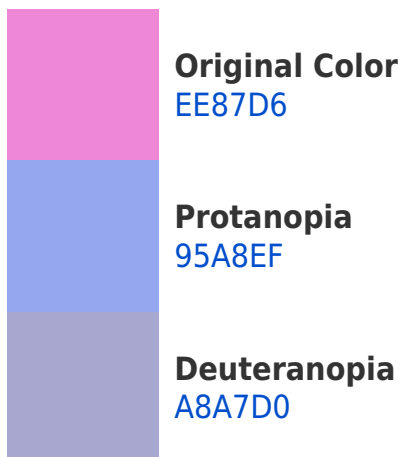


This preview shows how white text looks on a background with the Hex color EE87D6.

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
E8939E

Trichromacy



Original Color
EE87D6



Protanomaly
B59CE6



Deuteranomaly
C19BD2



Tritanomaly
EA8FB2

Monochromacy



Original Color
EE87D6



Achromatopsia
AFAFAF



Achromatomaly
C6A0BD

CSS Examples

Text

The CSS property to change the color of the text to Hex EE87D6 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 #EE87D6 looks like.

```
.text, #text, p{  
    color:#EE87D6  
}
```

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 #EE87D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE87D6
}
```

Border

The CSS property to change the border of an element to Hex EE87D6 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
#EE87D6 }
```

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

```
.border{ border-color:#EE87D6 }
```

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

Here you see how a box with a 4 pixel #EE87D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE87D6; -webkit-box-shadow:4px 4px  
4px 4px #EE87D6; box-shadow:4px 4px 4px  
4px #EE87D6 }
```

Background

The CSS property to change the background color of an element to Hex EE87D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE87D6 }
```

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

```
.background{ background-color:#EE87D6 }
```

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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