

Converting Colors

Hex(E87BAF)

Have a look what the booklet for
Hex(E87BAF) contains.

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Color

Hex(E87BAF)

Conversions

Conversions Part 1

Format	Color
Hex	E87BAF
RGB	232, 123, 175
RGB Percent	91%, 48%, 69%
CMY	0.0902, 0.5176, 0.3137
CMYK	0.00, 0.47, 0.25, 0.09
HSL	331°, 70%, 70%
HSV	331°, 47%, 91%
XYZ	48.0995, 34.4169, 44.6654
YIQ	161.5190, 48.2720, 39.2800

Conversions

Conversions Part 2

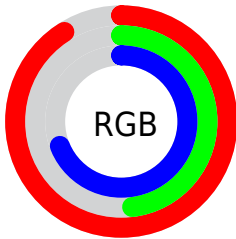
Format	Color
R _Y B	232, 123, 175
Decimal	15236015
CIE Lab	65.29, 48.05, -8.45
CIE LCh	65, 48.787, 350.030
Yxy	34.4169, 0.3782, 0.2706
Android (android.graphics.Color)	4293426095 (0xFFE87BAF)
YUV	161.5190, 6.6461, 61.8118
Hunter-Lab	58.6659, 43.6849, -4.0745

Details

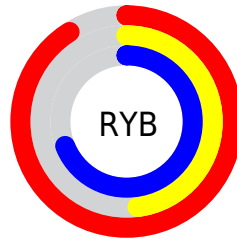
The Hex color **E87BAF** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BE8B4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB2E7**, and **AE467B** is the 20% darker color. If you saturate the color by 10%, you get **E864A3**, and if you desaturate by 10%, it is **E892BB**.

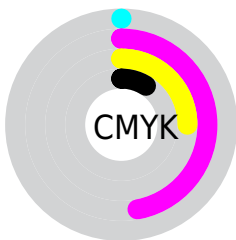
Distribution



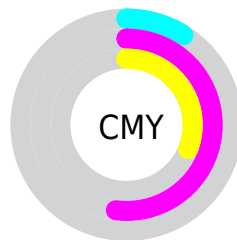
- Red (91%)
- Green (48%)
- Blue (69%)



- Red (91%)
- Yellow (48%)
- Blue (69%)



- Cyan (0%)
- Magenta (47%)
- Yellow (25%)
- Black (9%)



- Cyan (9%)
- Magenta (52%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E87BAF 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 E87BAF by changing the saturation by 10% instead.

 E87BAF

 E87BAF

FFFFFF

 CB6094

 FFB2E7

 AE467B

 FFCEFF

 922B62

 FFE8FF

 76084A

 5B0033

 41001E

 290002

 000000

 E87BAF

 E87BAF

 E864A3

 E892BB

 E84D97

 E8A9C7

 E8358B

 E8C1D3

 E81E7E

 E8D8E0

 E80772

 E8EFEC

 E8006F

 E8FFF8

 E8FFFF

Harmonies

Analogous

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



C688D7



E87BAF



F17B83

Triad

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



E87BAF



9BA549



00B1E0

Complementary

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



E87BAF



7BE8B4

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.



00B5BB



E87BAF



68AF64

Square

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



E87BAF



C59746



00B48E



0CA7F4

Rectangle

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



E87BAF



EA8268



00B48E



00B3D6

Sweetspot

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



E87BAF



FFDBEC



B37BE8



806A74



000000



808080

Same Dimension

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



E87BAF



FF70B4



E87D7B



73676D



B30055



330018

Inverse Universe

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



E87BAF



FF70B4



7BE6E8



73676D



B30055



330018

Previews

White Background



This preview shows how the Hex color E87BAF looks on a white background.

Color Contrast Check

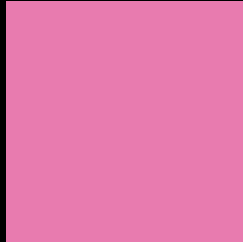
Large Text (above 18pt) WCAG AA × Fail

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 E87BAF 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 E87BAF Background



This preview shows how black text looks on a background with the Hex color E87BAF.

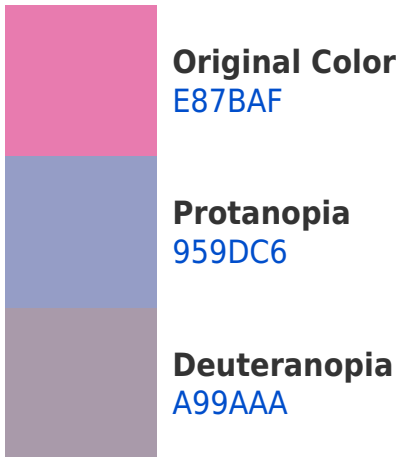


This preview shows how white text looks on a background with the Hex color E87BAF.

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
E5828B

Trichromacy



Original Color
E87BAF



Protanomaly
B391BE



Deuteranomaly
C08FAC

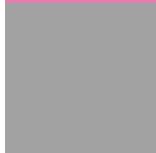


Tritanomaly
E67F98

Monochromacy



Original Color
E87BAF



Achromatopsia
A2A2A2



Achromatomaly
BB94A7

CSS Examples

Text

The CSS property to change the color of the text to Hex E87BAF 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 #E87BAF looks like.

```
.text, #text, p{  
    color:#E87BAF  
}
```

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 #E87BAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E87BAF
}
```

Border

The CSS property to change the border of an element to Hex E87BAF 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
#E87BAF }
```

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

```
.border{ border-color:#E87BAF }
```

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

Here you see how a box with a 4 pixel #E87BAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E87BAF; -webkit-box-shadow:4px 4px  
4px 4px #E87BAF; box-shadow:4px 4px 4px  
4px #E87BAF }
```

Background

The CSS property to change the background color of an element to Hex E87BAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E87BAF }
```

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

```
.background{ background-color:#E87BAF }
```

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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