

# Converting Colors

Hex(E587AB)

Have a look what the booklet for  
Hex(E587AB) contains.

<b>Hex(E587AB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E587AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E587AB
RGB	229, 135, 171
RGB Percent	90%, 53%, 67%
CMY	0.1020, 0.4706, 0.3294
CMYK	0.00, 0.41, 0.25, 0.10
HSL	337°, 64%, 71%
HSV	337°, 41%, 90%
XYZ	48.3278, 36.9262, 43.1084
YIQ	167.2100, 44.4680, 31.1240

# Conversions

## Conversions Part 2

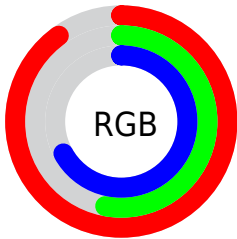
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 135, 171
Decimal	15042475
CIE Lab	67.22, 40.36, -3.37
CIE LCh	67, 40.503, 355.224
Yxy	36.9262, 0.3765, 0.2877
Android (android.graphics.Color)	4293232555 (0xFFE587AB)
YUV	167.2100, 1.8685, 54.1898
Hunter-Lab	60.7670, 35.6183, 0.4762

# Details

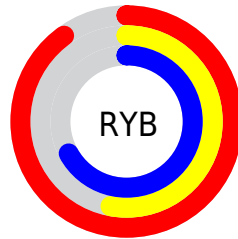
The Hex color **E587AB** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87E5C1**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFBEE2**, and **AB5377** is the 20% darker color. If you saturate the color by 10%, you get **E5709D**, and if you desaturate by 10%, it is **E59EB9**.

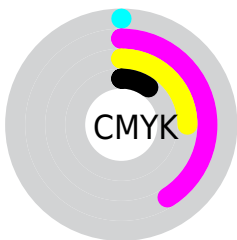
# Distribution



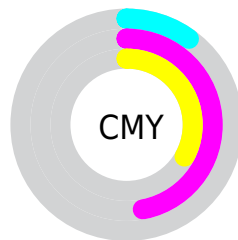
- Red (90%)
- Green (53%)
- Blue (67%)



- Red (90%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E587AB 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 E587AB by changing the saturation by 10% instead.



 E587AB

 E587AB

FFFFFF

 C86D91

 FFBEE2

 AB5377

 FFDAFF

 90395E

 FFF7FF

 741F47

 5A0030

 3F001C

 290001

 000000

 E587AB

 E587AB

 E5709D

 E59EB9

 E5598F

 E5B5C7

 E54281

 E5CCD5

 E52B72

 E5E3E4

 E51464

 E5FAF2

 E50058

 E5FFFF

# Harmonies

## Analogous

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



CC8FCE



E587AB



E98986

# Triad

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



E587AB



9CAB60



00B2DF

# Complementary

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



E587AB



87E5C1

# 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.



00B6C1



E587AB



70B379

# Square

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



E587AB



C0A05A



39B69C



60A9EC

# Rectangle

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



E587AB



E28F71



39B69C



00B4D6



# Sweetspot

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



E587AB



FFE0EC



C187E5



806E74



000000



808080



# Same Dimension

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



E587AB



FF82B2



E59287



73676C



B30044



330014



# Inverse Universe

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



E587AB



FF82B2



87DAE5



73676C



B30044



330014



# Previews

## White Background



This preview shows how the Hex color E587AB 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 E587AB Background



This preview shows how black text looks on a background with the Hex color E587AB.

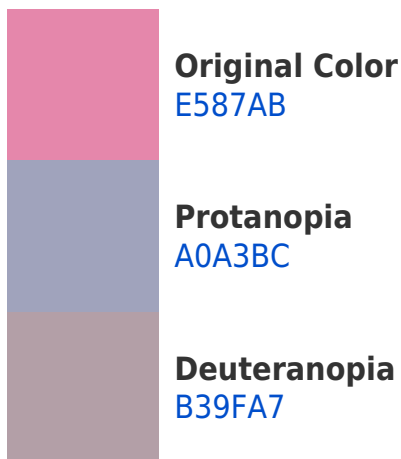


This preview shows how white text looks on a background with the Hex color E587AB.

# 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**  
E38B95

# Trichromacy



**Original Color**  
E587AB



**Protanomaly**  
B999B6



**Deuteranomaly**  
C596A8



**Tritanomaly**  
E48A9D

# Monochromacy



**Original Color**  
E587AB



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
BE9BA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E587AB 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 #E587AB looks like.

```
.text, #text, p{  
  color:#E587AB  
}
```

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 #E587AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E587AB
}
```

## Border

The CSS property to change the border of an element to Hex E587AB 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
#E587AB }
```

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

```
.border{ border-color:#E587AB }
```

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

Here you see how a box with a 4 pixel #E587AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E587AB; -webkit-box-shadow:4px 4px  
4px 4px #E587AB; box-shadow:4px 4px 4px  
4px #E587AB }
```

# Background

The CSS property to change the background color of an element to Hex E587AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E587AB }
```

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

```
.background{ background-color:#E587AB }
```

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