

# Converting Colors

Hex(E591BB)

Have a look what the booklet for  
Hex(E591BB) contains.

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# **Color**

**Hex(E591BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E591BB
RGB	229, 145, 187
RGB Percent	90%, 57%, 73%
CMY	0.1020, 0.4314, 0.2667
CMYK	0.00, 0.37, 0.18, 0.10
HSL	330°, 62%, 73%
HSV	330°, 37%, 90%
XYZ	51.4081, 40.4967, 52.1208
YIQ	174.9040, 36.5820, 30.8700

# Conversions

## Conversions Part 2

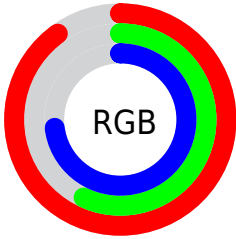
Format	Color
R <sub>YB</sub>	229, 145, 187
Decimal	15045051
CIE <sub>Lab</sub>	69.82, 37.46, -8.48
CIE <sub>LCh</sub>	70, 38.408, 347.240
Yxy	40.4967, 0.3569, 0.2812
Android (android.graphics.Color)	4293235131 (0xFFE591BB)
YUV	174.9040, 5.9633, 47.4422
Hunter-Lab	63.6370, 32.8337, -4.0146

# Details

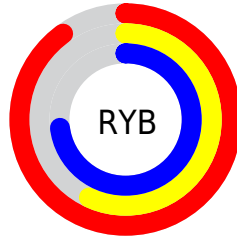
The Hex color **E591BB** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91E5BB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFC8F3**, and **AC5D86** is the 20% darker color. If you saturate the color by 10%, you get **E57AB0**, and if you desaturate by 10%, it is **E5A8C6**.

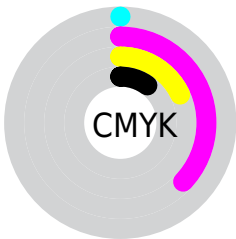
# Distribution



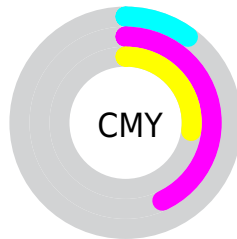
- Red (90%)
- Green (57%)
- Blue (73%)



- Red (90%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (10%)



- Cyan (10%)
- Magenta (43%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E591BB 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 E591BB by changing the saturation by 10% instead.



 E591BB

 E591BB

FFFFFF

 C877A0

 FFC8F3

 AC5D86

 FFE4FF

 90446D

 752B54

 5B103D

 420027

 2D0013

 000000

 E591BB

 E591BB

 E57AB0

 E5A8C6

 E563A4

 E5BFD2

 E54C99

 E5D6DD

 E5358D

 E5EDE9

 E51E82

 E5FFF4

 E50876

 E5FFFF

 E50073

# Harmonies

## Analogous

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



C89ADA



E591BB



EF9098

# Triad

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



E591BB



ADAF67



16BADD

# Complementary

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



E591BB



91E5BB

# 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.



20BDBE



E591BB



86B77A

# Square

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



E591BB



CFA367



59BC9A



5DB2EE

# Rectangle

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



E591BB



EB9482



59BC9A



00BCD4



# Sweetspot

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



E591BB



FFE3F1



BB91E5



806F77



000000



808080



# Same Dimension

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



E591BB



FF8FC7



E59191



73676D



B30059



33001A



# Inverse Universe

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



E591BB



FF8FC7



91E5E5



73676D



B30059



33001A



# Previews

## White Background



This preview shows how the Hex color E591BB 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 E591BB Background



This preview shows how black text looks on a background with the Hex color E591BB.

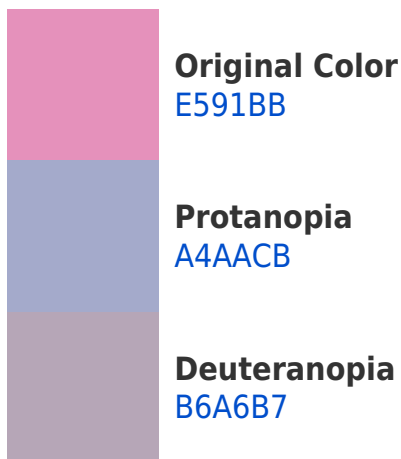


This preview shows how white text looks on a background with the Hex color E591BB.

# 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**  
E296A1

# Trichromacy



**Original Color**  
E591BB



**Protanomaly**  
BCA1C5



**Deuteranomaly**  
C79EB8

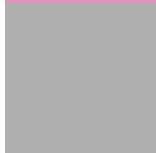


**Tritanomaly**  
E394AA

# Monochromacy



**Original Color**  
E591BB



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
C3A4B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E591BB 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 #E591BB looks like.

```
.text, #text, p{  
    color:#E591BB  
}
```

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 #E591BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E591BB  
}
```

## Border

The CSS property to change the border of an element to Hex E591BB 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  
#E591BB }
```

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

```
.border{ border-color:#E591BB }
```

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

Here you see how a box with a 4 pixel #E591BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E591BB; -webkit-box-shadow:4px 4px  
4px 4px #E591BB; box-shadow:4px 4px 4px  
4px #E591BB }
```

# Background

The CSS property to change the background color of an element to Hex E591BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E591BB }
```

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

```
.background{ background-color:#E591BB }
```

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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