

# Converting Colors

Hex(E557BB)

Have a look what the booklet for  
Hex(E557BB) contains.

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# Color

Hex(E557BB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E557BB
RGB	229, 87, 187
RGB Percent	90%, 34%, 73%
CMY	0.1020, 0.6588, 0.2667
CMYK	0.00, 0.62, 0.18, 0.10
HSL	318°, 73%, 62%
HSV	318°, 62%, 90%
XYZ	44.6909, 27.0623, 49.8818
YIQ	140.8580, 52.5320, 61.2040

# Conversions

## Conversions Part 2

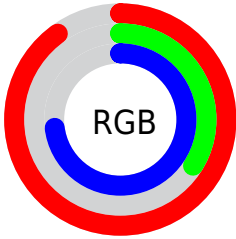
Format	Color
R <sub>Y</sub> B	229, 87, 187
Decimal	15030203
CIE Lab	59.03, 65.39, -24.81
CIE LCh	59, 69.940, 339.220
Yxy	27.0623, 0.3674, 0.2225
Android (android.graphics.Color)	4293220283 (0xFFE557BB)
YUV	140.8580, 22.7480, 77.3005
Hunter-Lab	52.0214, 62.3097, -20.4364

# Details

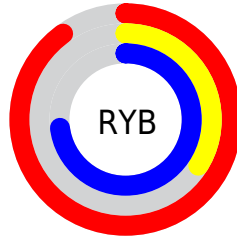
The Hex color **E557BB** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **57E581**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF90F3**, and **AA1286** is the 20% darker color. If you saturate the color by 10%, you get **E540B4**, and if you desaturate by 10%, it is **E56EC2**.

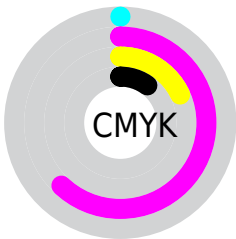
# Distribution



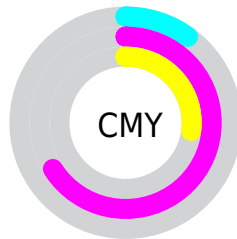
- Red (90%)
- Green (34%)
- Blue (73%)



- Red (90%)
- Yellow (34%)
- Blue (73%)



- Cyan (0%)
- Magenta (62%)
- Yellow (18%)
- Black (10%)



- Cyan (10%)
- Magenta (66%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E557BB 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 E557BB by changing the saturation by 10% instead.



 E557BB

 E557BB

FFFFFF

 C739A0

 FF90F3

 AA1286

 FFADFF

 8D006C

 FFCAFF

 710054

 FFE7FF

 55003C

 3C0026

 1D000F

 000000

 E557BB

 E557BB

 E540B4

 E56EC2

 E529AD

 E585C9

 E512A7

 E59CCF

 E500A1

 E5B3D6

 E5CADD

 E5E0E4

 E5F7EA

 E5FFF1

 E5FFF8

# Harmonies

## Analogous

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



A775EE



E557BB



FB4C7E

# Triad

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



E557BB



999100



00A8DB

# Complementary

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



E557BB



57E581

# 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.



00AAA0



E557BB



55A021

# Square

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



E557BB



CC7B01



00A760



00A0FF

# Rectangle

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



E557BB



F65656



00A760



00A9C9



# Sweetspot

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



E557BB



FFCFF1



7F57E5



806277



000000



808080



# Same Dimension

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



E557BB



FF42C7



E55776



73676F



B3007E



330024



# Inverse Universe

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



E557BB



FF42C7



57E5C6



73676F



B3007E



330024



# Previews

## White Background



This preview shows how the Hex color E557BB looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E557BB Background



This preview shows how black text looks on a background with the Hex color E557BB.




This preview shows how white text looks on a background with the Hex color E557BB.

# 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**  
DE6A71

# Trichromacy



**Original Color**  
E557BB



**Protanomaly**  
9879D5



**Deuteranomaly**  
AA79B6



**Tritanomaly**  
E1638C

# Monochromacy



**Original Color**  
E557BB



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
AD799E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E557BB 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 #E557BB looks like.

```
.text, #text, p{  
    color:#E557BB  
}
```

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 #E557BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E557BB
}
```

## Border

The CSS property to change the border of an element to Hex E557BB 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
#E557BB }
```

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

```
.border{ border-color:#E557BB }
```

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

Here you see how a box with a 4 pixel #E557BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E557BB; -webkit-box-shadow:4px 4px  
4px 4px #E557BB; box-shadow:4px 4px 4px  
4px #E557BB }
```

# Background

The CSS property to change the background color of an element to Hex E557BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E557BB }
```

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

```
.background{ background-color:#E557BB }
```

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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