

# Converting Colors

Hex(E576BB)

Have a look what the booklet for  
Hex(E576BB) contains.

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# **Color**

**Hex(E576BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E576BB
RGB	229, 118, 187
RGB Percent	90%, 46%, 73%
CMY	0.1020, 0.5373, 0.2667
CMYK	0.00, 0.48, 0.18, 0.10
HSL	323°, 68%, 68%
HSV	323°, 48%, 90%
XYZ	47.7612, 33.2027, 50.9052
YIQ	159.0550, 44.0070, 44.9910

# Conversions

## Conversions Part 2

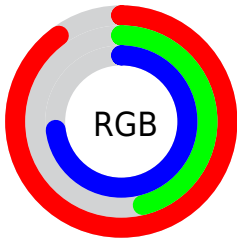
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 118, 187
Decimal	15038139
CIE Lab	64.32, 51.28, -16.73
CIE LCh	64, 53.945, 341.927
Yxy	33.2027, 0.3622, 0.2518
Android (android.graphics.Color)	4293228219 (0xFFE576BB)
YUV	159.0550, 13.7769, 61.3418
Hunter-Lab	57.6218, 47.1157, -12.0437

# Details

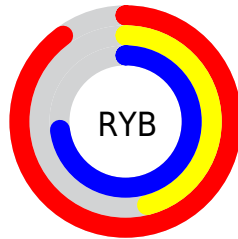
The Hex color **E576BB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76E5A0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFADF3**, and **AB4086** is the 20% darker color. If you saturate the color by 10%, you get **E55FB2**, and if you desaturate by 10%, it is **E58DC4**.

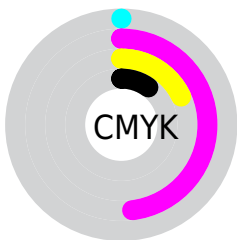
# Distribution



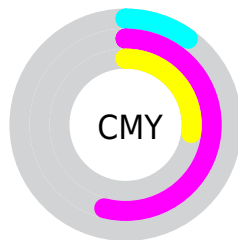
- Red (90%)
- Green (46%)
- Blue (73%)



- Red (90%)
- Yellow (46%)
- Blue (73%)



- Cyan (0%)
- Magenta (48%)
- Yellow (18%)
- Black (10%)



- Cyan (10%)
- Magenta (54%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E576BB 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 E576BB by changing the saturation by 10% instead.



 E576BB

 E576BB

FFFFFF

 C85BA0

 FFADF3

 AB4086

 FFC9FF

 8F246C

 FFE6FF

 730054

 59003D

 3F0027

 250011

 000000

 E576BB

 E576BB

 E55FB2

 E58DC4

 E548AA

 E5A4CC

 E531A1

 E5BBD5

 E51A98

 E5D2DE

 E50390

 E5E8E6

 E5008E

 E5FFEF

 E5FFF8

 E5FFFF

# Harmonies

## Analogous

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



B887E4



E576BB



F5718B

# Triad

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



E576BB



A5A037



00B1DB

# Complementary

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



E576BB



76E5A0

# 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.



00B4AE



E576BB



6FAB51

# Square

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



E576BB



CF8F3E



00B27C



00A9F7

# Rectangle

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



E576BB



F2786C



00B27C



00B3CE



# Sweetspot

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



E576BB



FFD9F1



9F76E5



806977



000000



808080



# Same Dimension

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



E576BB



FF6BC7



E57685



73676E



B3006F



330020



# Inverse Universe

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



E576BB



FF6BC7



76E5D6



73676E



B3006F



330020



# Previews

## White Background



This preview shows how the Hex color E576BB 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 E576BB Background



This preview shows how black text looks on a background with the Hex color E576BB.



This preview shows how white text looks on a background with the Hex color E576BB.

# 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**  
E0808A

# Trichromacy



**Original Color**  
E576BB



**Protanomaly**  
AC8DCC



**Deuteranomaly**  
B98CB7

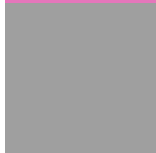


**Tritanomaly**  
E27C9C

# Monochromacy



**Original Color**  
E576BB



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
B890A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E576BB 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 #E576BB looks like.

```
.text, #text, p{  
    color:#E576BB  
}
```

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 #E576BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E576BB
}
```

## Border

The CSS property to change the border of an element to Hex E576BB 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
#E576BB }
```

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

```
.border{ border-color:#E576BB }
```

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

Here you see how a box with a 4 pixel #E576BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E576BB; -webkit-box-shadow:4px 4px  
4px 4px #E576BB; box-shadow:4px 4px 4px  
4px #E576BB }
```

# Background

The CSS property to change the background color of an element to Hex E576BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E576BB }
```

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

```
.background{ background-color:#E576BB }
```

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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