

# Converting Colors

Hex(E E5B80)

Have a look what the booklet for  
Hex(EE5B80) contains.

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# Color

Hex(**EE5B80**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EE5B80
RGB	238, 91, 128
RGB Percent	93%, 36%, 50%
CMY	0.0667, 0.6431, 0.4980
CMYK	0.00, 0.62, 0.46, 0.07
HSL	345°, 81%, 65%
HSV	345°, 62%, 93%
XYZ	42.8973, 27.2178, 23.4147
YIQ	139.1710, 75.7350, 42.6710

# Conversions

## Conversions Part 2

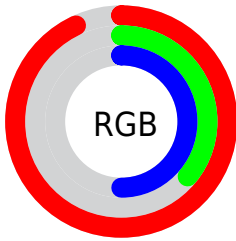
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 91, 128
Decimal	15620992
CIE Lab	59.18, 59.50, 9.79
CIE LCh	59, 60.299, 9.344
Yxy	27.2178, 0.4586, 0.2910
Android (android.graphics.Color)	4293811072 (0xFFEE5B80)
YUV	139.1710, -5.5073, 86.6730
Hunter-Lab	52.1707, 55.4725, 9.9096

# Details

The Hex color **EE5B80** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5BEEC9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF93B5**, and **B11C4F** is the 20% darker color. If you saturate the color by 10%, you get **EE436E**, and if you desaturate by 10%, it is **EE7392**.

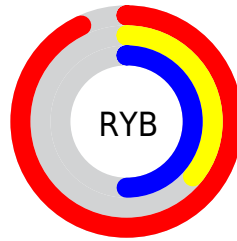
# Distribution



Red (93%)

Green (36%)

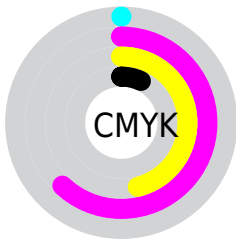
Blue (50%)



Red (93%)

Yellow (36%)

Blue (50%)

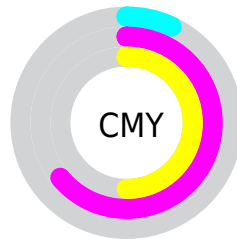


Cyan (0%)

Magenta (62%)

Yellow (46%)

Black (7%)



Cyan (7%)

Magenta (64%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE5B80 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 EE5B80 by changing the saturation by 10% instead.



 EE5B80

 EE5B80

FFFFFF

 CF3E67

 FF93B5

 B11C4F

 FFB0D0

 930039

 FFCDEC


 760023

 FFEAFF

 59000E

 3E0003

 1A0001

 000000

 EE5B80

 EE5B80

 EE436E

 EE7392

 EE2B5C

 EE8BA4

 EE144B

 EEA2B5

 EE003C

 EEBA07

 EED2D9

 EEEAEB

 EEFFFD

 EEFFFF

# Harmonies

## Analogous

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



DB63B5



EE5B80



E5684E

# Triad

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



EE5B80



609E36



009EF1

# Complementary

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



EE5B80



5BEEC9

# 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.



00A6D0



EE5B80



00A567

# Square

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



EE5B80



9A9114



00A89E



388FF7

# Rectangle

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



EE5B80



D37731



00A89E



00A1E9



# Sweetspot

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



EE5B80



FFCFDB



C75BEE



80626A



000000



808080



# Same Dimension

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



EE5B80



FF4272



EE7D5B



786C6F



B8002E



38000E



# Inverse Universe

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



EE5B80



FF4272



5BCCEE



786C6F



B8002E



38000E



# Previews

## White Background



This preview shows how the Hex color EE5B80 looks on a white background.

## Color Contrast Check

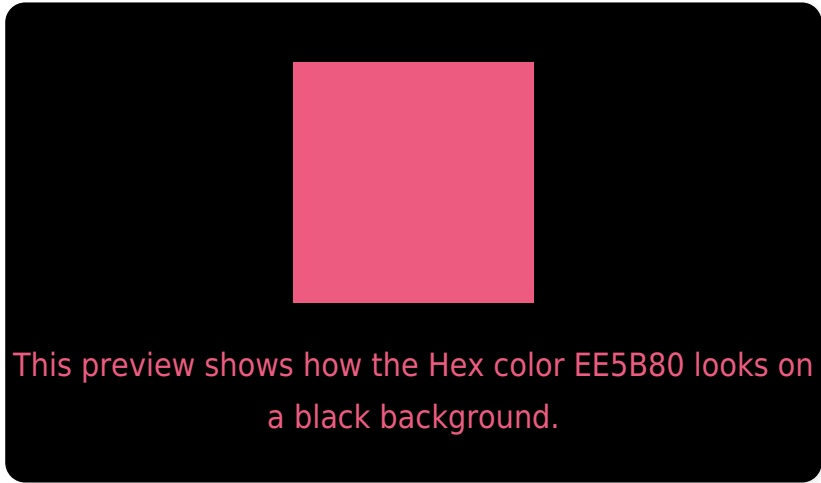
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE5B80 Background



This preview shows how black text looks on a background with the Hex color EE5B80.

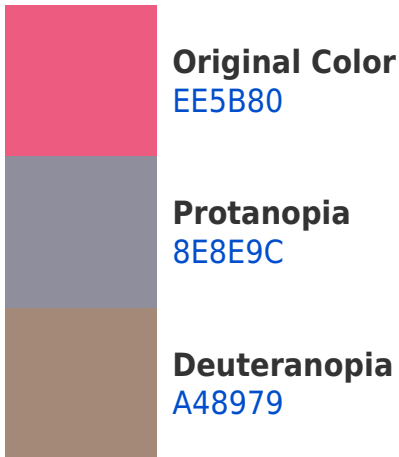


This preview shows how white text looks on a background with the Hex color EE5B80.

# Color Blindness Simulation

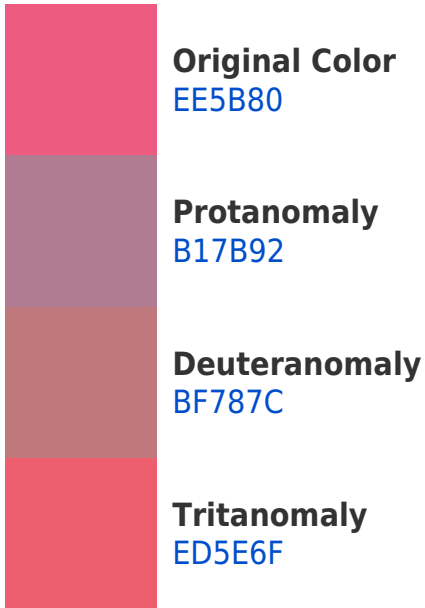
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

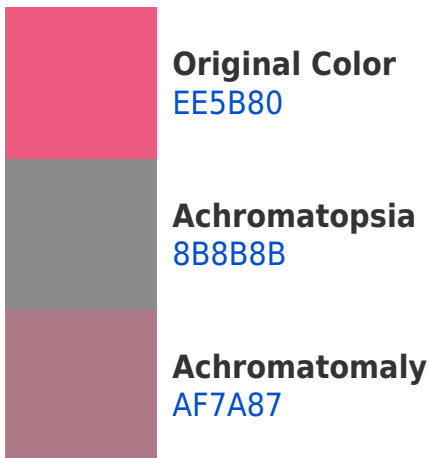




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE5B80 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 #EE5B80 looks like.

```
.text, #text, p{  
    color:#EE5B80  
}
```

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 #EE5B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE5B80
}
```

## Border

The CSS property to change the border of an element to Hex EE5B80 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
#EE5B80 }
```

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

```
.border{ border-color:#EE5B80 }
```

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

Here you see how a box with a 4 pixel #EE5B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE5B80; -webkit-box-shadow:4px 4px  
4px 4px #EE5B80; box-shadow:4px 4px 4px  
4px #EE5B80 }
```

# Background

The CSS property to change the background color of an element to Hex EE5B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE5B80 }
```

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

```
.background{ background-color:#EE5B80 }
```

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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