

# Converting Colors

Hex(EA5C80)

Have a look what the booklet for  
Hex(EA5C80) contains.

|  |    |
|--|----|
| <b>Hex(EA5C80)</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(EA5C80)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | EA5C80                     |
| RGB         | 234, 92, 128               |
| RGB Percent | 92%, 36%, 50%              |
| CMY         | 0.0824, 0.6392, 0.4980     |
| CMYK        | 0.00, 0.61, 0.45, 0.08     |
| HSL         | 345°, 77%, 64%             |
| HSV         | 345°, 61%, 92%             |
| XYZ         | 41.6551, 26.7052, 23.3812  |
| YIQ         | 138.5620, 73.0760, 41.3000 |

# Conversions

## Conversions Part 2

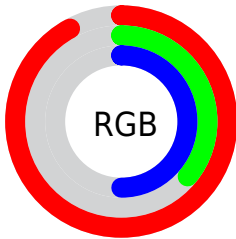
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 234, 92, 128                  |
| Decimal                             | 15359104                      |
| CIE Lab                             | 58.70, 57.81, 9.03            |
| CIE LCh                             | 59, 58.509, 8.877             |
| Yxy                                 | 26.7052, 0.4540,<br>0.2911    |
| Android<br>(android.graphics.Color) | 4293549184<br>(0xFFEA5C80)    |
| YUV                                 | 138.5620, -5.2071,<br>83.6991 |
| Hunter-Lab                          | 51.6771, 53.4477,<br>9.3483   |

# Details

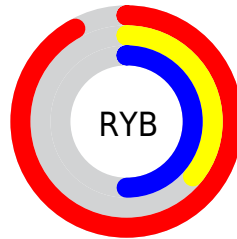
The Hex color **EA5C80** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5CEAC6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF94B5**, and **AD1F4F** is the 20% darker color. If you saturate the color by 10%, you get **EA456F**, and if you desaturate by 10%, it is **EA7391**.

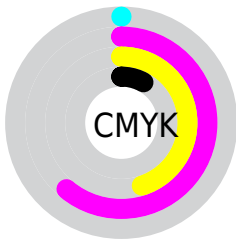
# Distribution



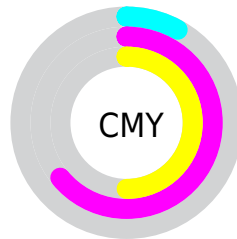
- Red (92%)
- Green (36%)
- Blue (50%)



- Red (92%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (61%)
- Yellow (45%)
- Black (8%)



- Cyan (8%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA5C80 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 EA5C80 by changing the saturation by 10% instead.



 EA5C80

 EA5C80

FFFFFF

 CC3F67

 FF94B5

 AD1F4F

 FFB0D0

 900039

 FFCDEC

 720023

 FFEAFF

 56000E

 3B0002

 140000

 000000

 EA5C80

 EA5C80

 EA456F

 EA7391

 EA2D5D

 EA8BA3

 EA164C

 EAA2B4

 EA003B

 EABAC6

 EAD1D7

 EAE8E9

 EAFFFA

 EAFFFF

# Harmonies

## Analogous

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



D764B3



EA5C80



E2684F

# Triad

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



EA5C80



629C37



009DED

# Complementary

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



EA5C80



5CEAC6

# 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.



00A4CC



EA5C80



00A366

# Square

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



EA5C80



999019



00A69B



3A8EF3

# Rectangle

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



EA5C80



D07634



00A69B



00A0E4



# Sweetspot

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



EA5C80



FFD1DD



C45CEA



80636B



000000



808080



# Same Dimension

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



EA5C80



FF4574



EA7D5C



756A6D



B5002E



36000E



# Inverse Universe

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



EA5C80



FF4574



5CC9EA



756A6D



B5002E



36000E



# Previews

## White Background



This preview shows how the Hex color EA5C80 looks on a white background.

## Color Contrast Check

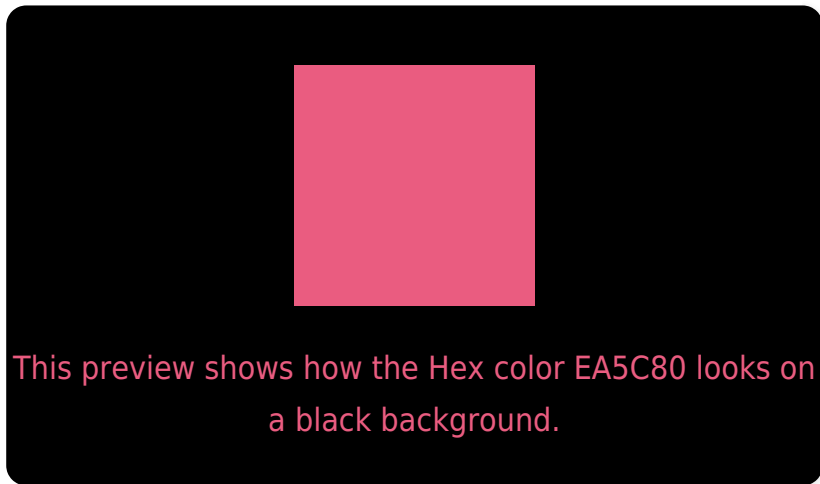
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA5C80 Background



This preview shows how black text looks on a background with the Hex color EA5C80.



This preview shows how white text looks on a background with the Hex color EA5C80.

# 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](#).

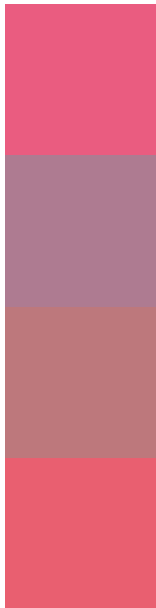
## Dichromacy





**Tritanopia**  
E86167

# Trichromacy



**Original Color**  
EA5C80

**Protanomaly**  
AE7B91

**Deuteranomaly**  
BD787C

**Tritanomaly**  
E95F70

# Monochromacy



**Original Color**  
EA5C80

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
AE7A87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA5C80 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 #EA5C80 looks like.

```
.text, #text, p{  
    color:#EA5C80  
}
```

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 #EA5C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA5C80
}
```

## Border

The CSS property to change the border of an element to Hex EA5C80 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
#EA5C80 }
```

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

```
.border{ border-color:#EA5C80 }
```

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

Here you see how a box with a 4 pixel #EA5C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA5C80; -webkit-box-shadow:4px 4px  
4px 4px #EA5C80; box-shadow:4px 4px 4px  
4px #EA5C80 }
```

# Background

The CSS property to change the background color of an element to Hex EA5C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA5C80 }
```

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

```
.background{ background-color:#EA5C80 }
```

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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