

# Converting Colors

Hex(E58199)

Have a look what the booklet for  
Hex(E58199) contains.

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# **Color**

**Hex(E58199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E58199
RGB	229, 129, 153
RGB Percent	90%, 51%, 60%
CMY	0.1020, 0.4941, 0.4000
CMYK	0.00, 0.44, 0.33, 0.10
HSL	346°, 66%, 70%
HSV	346°, 44%, 90%
XYZ	45.9131, 34.6584, 34.4069
YIQ	161.6360, 51.8960, 28.6640

# Conversions

## Conversions Part 2

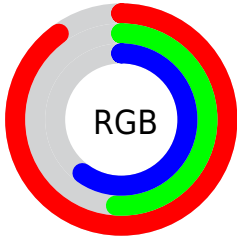
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 129, 153
Decimal	15040921
CIE <sub>Lab</sub>	65.48, 41.10, 4.26
CIE <sub>LCh</sub>	65, 41.321, 5.918
Yxy	34.6584, 0.3993, 0.3014
Android (android.graphics.Color)	4293231001 (0xFFE58199)
YUV	161.6360, -4.2575, 59.0782
Hunter-Lab	58.8714, 36.1851, 6.5585

# Details

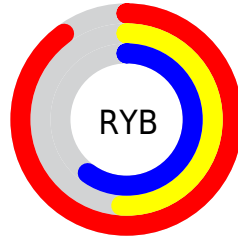
The Hex color **E58199** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81E5CD**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB8CF**, and **AB4D66** is the 20% darker color. If you saturate the color by 10%, you get **E56A88**, and if you desaturate by 10%, it is **E598AA**.

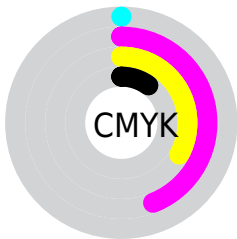
# Distribution



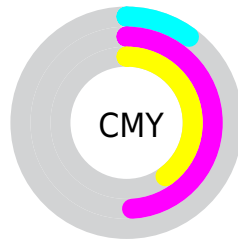
- Red (90%)
- Green (51%)
- Blue (60%)



- Red (90%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (10%)



- Cyan (10%)
- Magenta (49%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E58199 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 E58199 by changing the saturation by 10% instead.



 E58199

 E58199

FFFFFF

 C8677F

 FFB8CF

 AB4D66

 FFD4EB

 8F334E

 FFF1FF

 731838

 580022

 3E000C

 230001

 000000

 E58199

 E58199

 E56A88

 E598AA

 E55376

 E5AFBC

 E53C65

 E5C6CD

 E52553

 E5DDDF

 E50E42

 E5F4F0

 E50037

 E5FFFF

# Harmonies

## Analogous

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



D386BE



E58199



E28675

# Triad

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



E58199



88AA61



0DABE2

# Complementary

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



E58199



81E5CD

# 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.



00B1C9



E58199



58B080

# Square

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



E58199



AF9F54



00B2A5



72A0E8

# Rectangle

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



E58199



D78E63



00B2A5



00ADD8



# Sweetspot

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



E58199



FFDEE6



CC81E5



806B70



000000



808080



# Same Dimension

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



E58199



FF7A9A



E59A81



73676A



B3002B



33000C



# Inverse Universe

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



E58199



FF7A9A



81CCE5



73676A



B3002B



33000C



# Previews

## White Background



This preview shows how the Hex color E58199 looks on a white background.

## Color Contrast Check

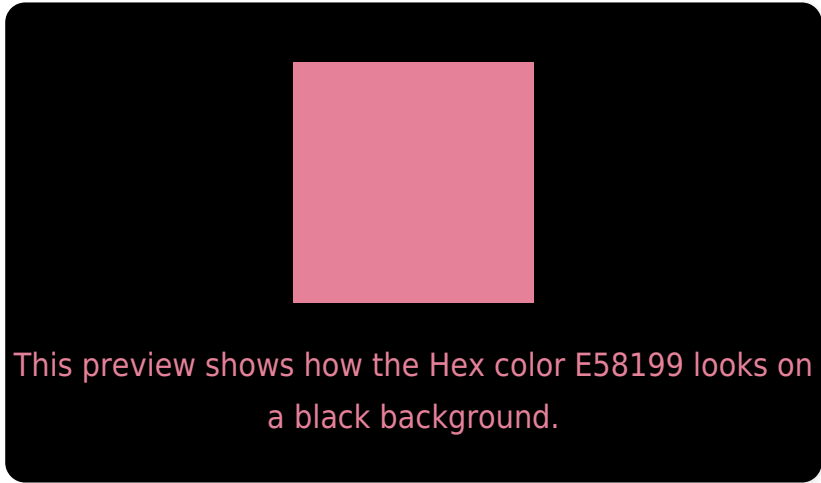
Large Text (above 18pt) WCAG AA × Fail

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 E58199 Background



This preview shows how black text looks on a background with the Hex color E58199.

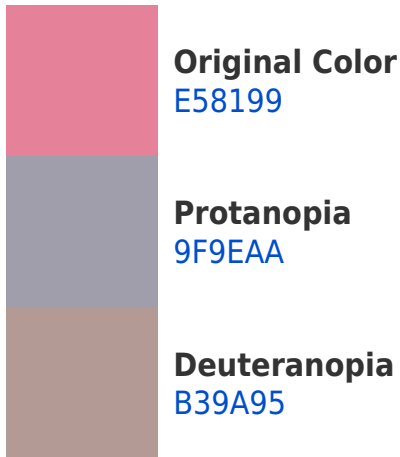



This preview shows how white text looks on a background with the Hex color E58199.

# 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**  
E4838D

# Trichromacy



**Original Color**  
E58199



**Protanomaly**  
B893A4



**Deuteranomaly**  
C59196



**Tritanomaly**  
E48291

# Monochromacy



**Original Color**  
E58199



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
BA969F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E58199 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 #E58199 looks like.

```
.text, #text, p{  
    color:#E58199  
}
```

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 #E58199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E58199
}
```

## Border

The CSS property to change the border of an element to Hex E58199 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
#E58199 }
```

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

```
.border{ border-color:#E58199 }
```

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

Here you see how a box with a 4 pixel #E58199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E58199; -webkit-box-shadow:4px 4px  
4px 4px #E58199; box-shadow:4px 4px 4px  
4px #E58199 }
```

# Background

The CSS property to change the background color of an element to Hex E58199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E58199 }
```

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

```
.background{ background-color:#E58199 }
```

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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