

# Converting Colors

Hex(E1899C)

Have a look what the booklet for  
Hex(E1899C) contains.

<b>Hex(E1899C)</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(E1899C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1899C
RGB	225, 137, 156
RGB Percent	88%, 54%, 61%
CMY	0.1176, 0.4627, 0.3882
CMYK	0.00, 0.39, 0.31, 0.12
HSL	347°, 59%, 71%
HSV	347°, 39%, 88%
XYZ	45.9977, 36.2992, 36.0346
YIQ	165.4780, 46.3490, 24.5650

# Conversions

## Conversions Part 2

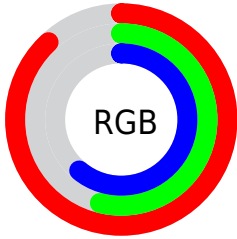
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 137, 156
Decimal	14780828
CIE <sub>Lab</sub>	66.75, 35.89, 4.33
CIE <sub>LCh</sub>	67, 36.145, 6.877
Yxy	36.2992, 0.3887, 0.3068
Android (android.graphics.Color)	4292970908 (0xFFE1899C)
YUV	165.4780, -4.6727, 52.2008
Hunter-Lab	60.2488, 30.8428, 6.7130

# Details

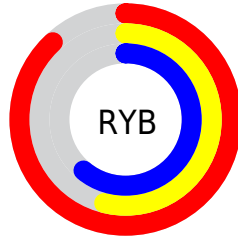
The Hex color **E1899C** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89E1CE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC0D2**, and **A85569** is the 20% darker color. If you saturate the color by 10%, you get **E1728A**, and if you desaturate by 10%, it is **E1A0AE**.

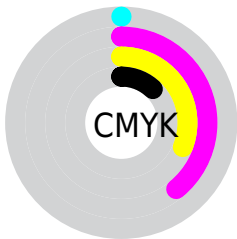
# Distribution



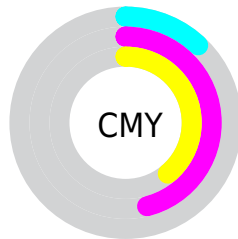
- Red (88%)
- Green (54%)
- Blue (61%)



- Red (88%)
- Yellow (54%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (31%)
- Black (12%)




- Cyan (12%)
- Magenta (46%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Hex color E1899C 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 E1899C by changing the saturation by 10% instead.



 E1899C

 E1899C

FFFFFF

 C46F82

 FFC0D2

 A85569

 FFDCEF

 8C3C51

 FFF9FF

 70233A

 560725

 3C000F

 240001

 000000

 E1899C

 E1899C

 E1728A

 E1A0AE

 E15C79


 E1B6BF

 E14667

 E1CCD1

 E12F55

 E1E3E3

 E11844

 E1F9F4

 E10232

 E1FFFF

 E10031

# Harmonies

## Analogous

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



D18DBD



E1899C



DF8E7D

# Triad

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



E1899C



8DAC6D



47ADDD

# Complementary

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



E1899C



89E1CE

# 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.



17B2C8



E1899C



66B288

# Square

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



E1899C



B1A361



38B4A9



80A3E3

# Rectangle

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



E1899C



D4946D



38B4A9



33AFD8



# Sweetspot

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



E1899C



FFE0E7



CE89E1



806E72



000000



808080



# Same Dimension

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



E1899C



FF87A1



E1A289



706567



B00026



30000A



# Inverse Universe

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



E1899C



FF87A1



89C8E1



706567



B00026

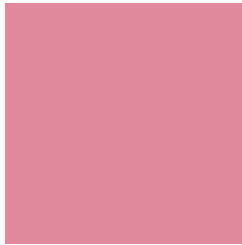


30000A



# Previews

## White Background



This preview shows how the Hex color E1899C looks on a white background.

## Color Contrast Check

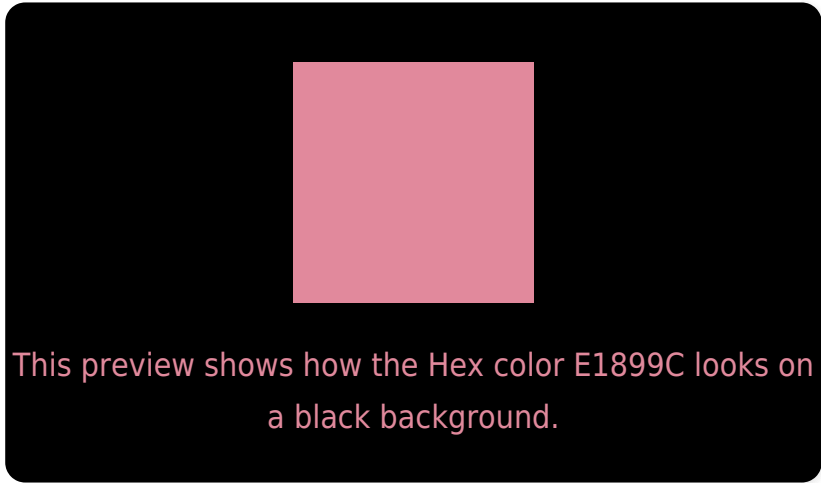
Large Text (above 18pt) WCAG AA × Fail

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 E1899C Background



This preview shows how black text looks on a background with the Hex color E1899C.

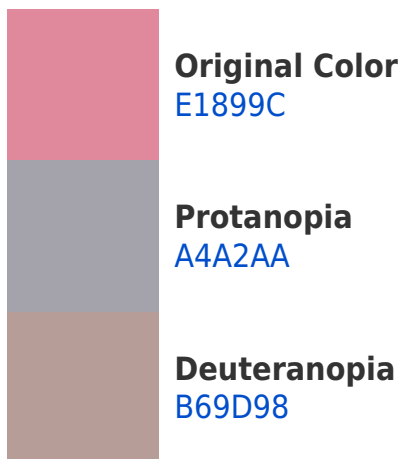


This preview shows how white text looks on a background with the Hex color E1899C.

# 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](#).

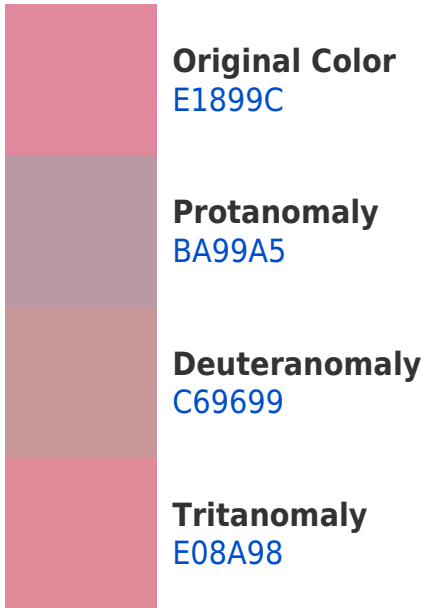
## Dichromacy



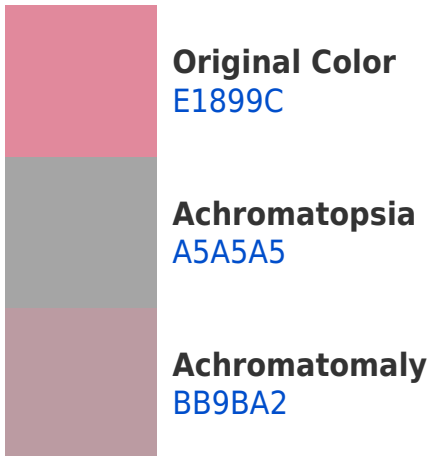


**Tritanopia**  
E08A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1899C 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 #E1899C looks like.

```
.text, #text, p{  
    color:#E1899C  
}
```

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 #E1899C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1899C
}
```

## Border

The CSS property to change the border of an element to Hex E1899C is called "border". The border property can be set on classes, ids or directly on the HTML element.

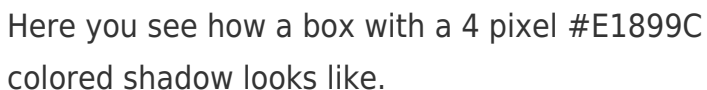
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E1899C }
```

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

```
.border{ border-color:#E1899C }
```

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



Here you see how a box with a 4 pixel #E1899C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1899C; -webkit-box-shadow:4px 4px  
4px 4px #E1899C; box-shadow:4px 4px 4px  
4px #E1899C }
```

# Background

The CSS property to change the background color of an element to Hex E1899C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1899C }
```

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

```
.background{ background-color:#E1899C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor