

# Converting Colors

Hex(E3C59B)

Have a look what the booklet for  
Hex(E3C59B) contains.

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# **Color**

**Hex(E3C59B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C59B
RGB	227, 197, 155
RGB Percent	89%, 77%, 61%
CMY	0.1098, 0.2275, 0.3922
CMYK	0.00, 0.13, 0.32, 0.11
HSL	35°, 56%, 75%
HSV	35°, 32%, 89%
XYZ	57.5612, 58.6300, 39.2933
YIQ	201.1820, 31.3620, -6.7020

# Conversions

## Conversions Part 2

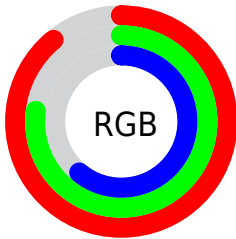
Format	Color
R <sub>Y</sub> B	206, 227, 155
Decimal	14927259
CIE Lab	81.09, 4.54, 25.00
CIE LCh	81, 25.411, 79.698
Yxy	58.6300, 0.3702, 0.3771
Android (android.graphics.Color)	4293117339 (0xFFE3C59B)
YUV	201.1820, -22.7677, 22.6424
Hunter-Lab	76.5702, 0.1885, 23.1735

# Details

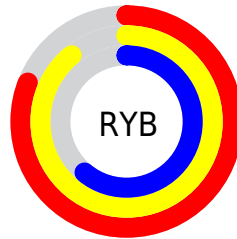
The Hex color **E3C59B** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9BB9E3**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFED2**, and **AB8F68** is the 20% darker color. If you saturate the color by 10%, you get **E3BC84**, and if you desaturate by 10%, it is **E3CEB2**.

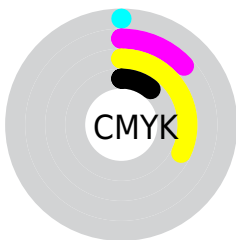
# Distribution



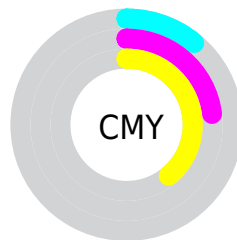
- Red (89%)
- Green (77%)
- Blue (61%)



- Red (81%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3C59B 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 E3C59B by changing the saturation by 10% instead.



 E3C59B

 E3C59B

FFFFFF

 C6AA81

 FFFED2

 AB8F68

 FFFFFE

 8F764F

 755D38

 5B4622

 422F0C

 2B1B00

 110000

 000000

 E3C59B

 E3C59B

 E3BC84

 E3CEB2

 E3B26E

 E3D8C8

 E3A957

 E3E1DF

 E39F40

 E3EBF6

 E39629

 E3F4FF

 E38C13

 E3FEFF

 E38400

 E3FFFF

# Harmonies

## Analogous

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



F4BEA6



E3C59B



CBCD9C

# Triad

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



E3C59B



87D7D8



E0BEE8

# Complementary

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



E3C59B



9BB9E3

# 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.



C2C6F6



E3C59B



8BD4ED

# Square

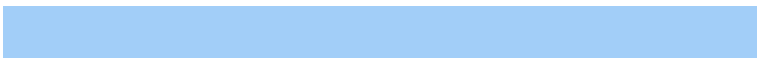
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3C59B



96D6C0



A2CEF8



F4B9D3

# Rectangle

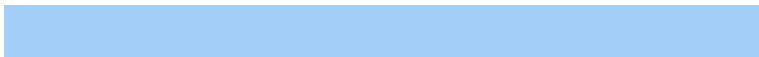
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3C59B



B9D1A4



A2CEF8



D7C1EE



# Sweetspot

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



E3C59B



FFF4E6



E39BB9



807970



000000



808080



# Same Dimension

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



E3C59B



FFD79E



DDE39B



736E67



B36800



331E00



# Inverse Universe

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



9BB9E3



9EC6FF



A19BE3



676C73



004AB3

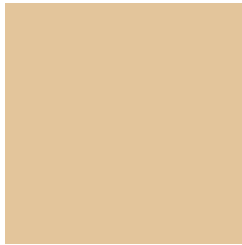


001533



# Previews

## White Background



This preview shows how the Hex color E3C59B 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



This preview shows how the Hex color E3C59B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

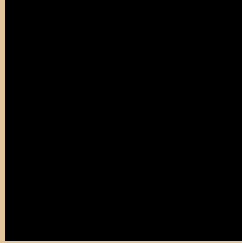
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3C59B Background



This preview shows how black text looks on a background with the Hex color E3C59B.

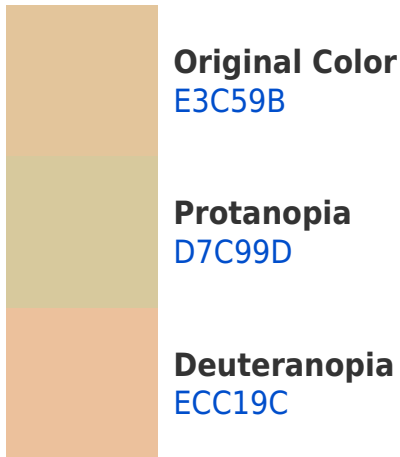


This preview shows how white text looks on a background with the Hex color E3C59B.

# 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](#).

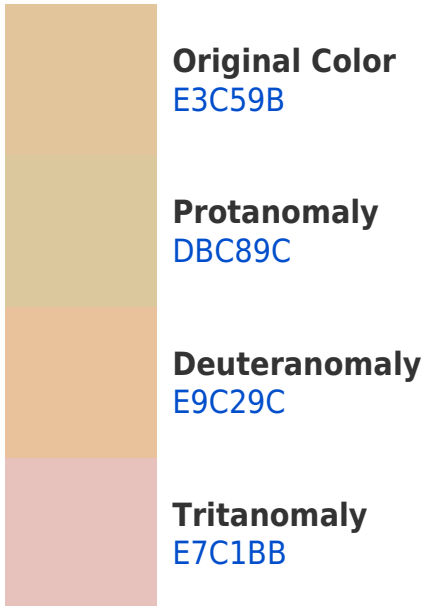
## Dichromacy





**Tritanopia**  
E9BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3C59B 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 #E3C59B looks like.

```
.text, #text, p{  
    color:#E3C59B  
}
```

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 #E3C59B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C59B
}
```

## Border

The CSS property to change the border of an element to Hex E3C59B 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
#E3C59B }
```

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

```
.border{ border-color:#E3C59B }
```

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

Here you see how a box with a 4 pixel #E3C59B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C59B; -webkit-box-shadow:4px 4px  
4px 4px #E3C59B; box-shadow:4px 4px 4px  
4px #E3C59B }
```

# Background

The CSS property to change the background color of an element to Hex E3C59B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C59B }
```

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

```
.background{ background-color:#E3C59B }
```

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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