

# Converting Colors

Hex(E5ACA6)

Have a look what the booklet for  
Hex(E5ACA6) contains.

<b>Hex(E5ACA6)</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(E5ACA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E5ACA6
RGB	229, 172, 166
RGB Percent	90%, 67%, 65%
CMY	0.1020, 0.3255, 0.3490
CMYK	0.00, 0.25, 0.28, 0.10
HSL	6°, 55%, 77%
HSV	6°, 28%, 90%
XYZ	53.9486, 48.9162, 42.6748
YIQ	188.3590, 35.8980, 10.2180

# Conversions

## Conversions Part 2

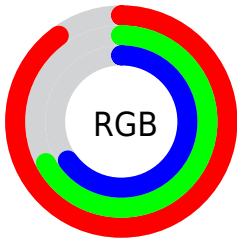
Format	Color
R <sub>Y</sub> B	229, 173, 166
Decimal	15051942
CIE Lab	75.40, 20.02, 11.22
CIE LCh	75, 22.952, 29.267
Yxy	48.9162, 0.3707, 0.3361
Android (android.graphics.Color)	4293242022 (0xFFE5ACA6)
YUV	188.3590, -11.0230, 35.6422
Hunter-Lab	69.9401, 15.2913, 12.7816

# Details

The Hex color **E5ACA6** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A6DFE5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFE4DD**, and **AC7772** is the 20% darker color. If you saturate the color by 10%, you get **E5978F**, and if you desaturate by 10%, it is **E5C1BD**.

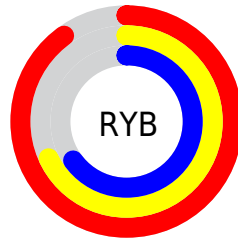
# Distribution



Red (90%)

Green (67%)

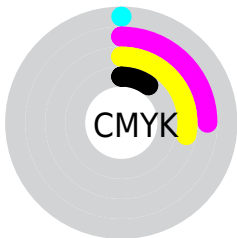
Blue (65%)



Red (90%)

Yellow (68%)

Blue (65%)

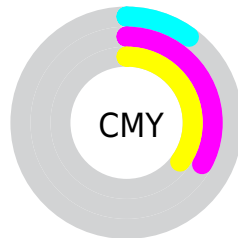


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (10%)



Cyan (10%)

Magenta (33%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5ACA6 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 E5ACA6 by changing the saturation by 10% instead.



 E5ACA6

 E5ACA6


FFFFFF

 C8918C

 FFE4DD

 AC7772

 FFFFFA

 915E5A

 764642

 5C2F2C

 431918

 2C0300

 000000

 E5ACA6

 E5ACA6

 E5978F

 E5C1BD

 E58378

 E5D5D4

 E56E61

 E5EAEB

 E5594A

 E5FFFF

 E54434

 E5301D

 E51B06

 E51600

# Harmonies

## Analogous

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



E3ABBB



E5ACA6



DCB196

# Triad

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



E5ACA6



9BC4A4



A0BCE4

# Complementary

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



E5ACA6



A6DFE5

# 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.



88C2DD



E5ACA6



87C6B8

# Square

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



E5ACA6



B3BF95



7EC5CE



BDB4DF

# Rectangle

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



E5ACA6



D1B691



7EC5CE



97BEE3

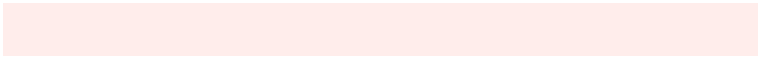


# Sweetspot

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



E5ACA6



FFEDEB



E5A6E0



807473



000000



808080



# Same Dimension

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



E5ACA6



FFB3AB



E5CBA6



736867



B31100



330500



# Inverse Universe

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



A6DFE5



ABF7FF



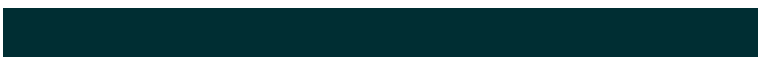
A6C0E5



677273



00A1B3



002E33



# Previews

## White Background



This preview shows how the Hex color E5ACA6 looks on a white background.

## Color Contrast Check

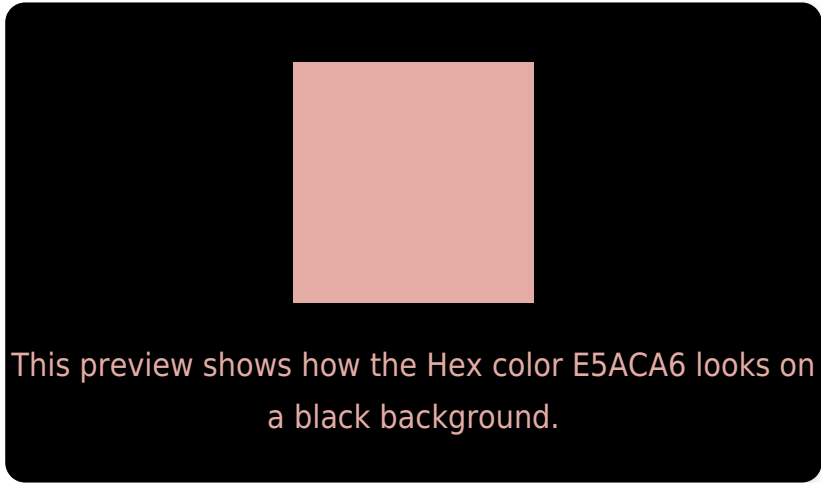
Large Text (above 18pt) WCAG AA × Fail

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 E5ACA6 Background



This preview shows how black text looks on a background with the Hex color E5ACA6.

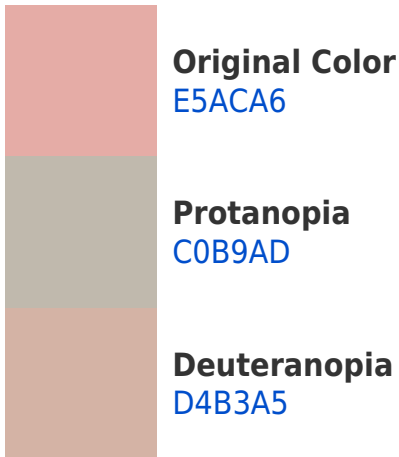


This preview shows how white text looks on a background with the Hex color E5ACA6.

# 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](#).

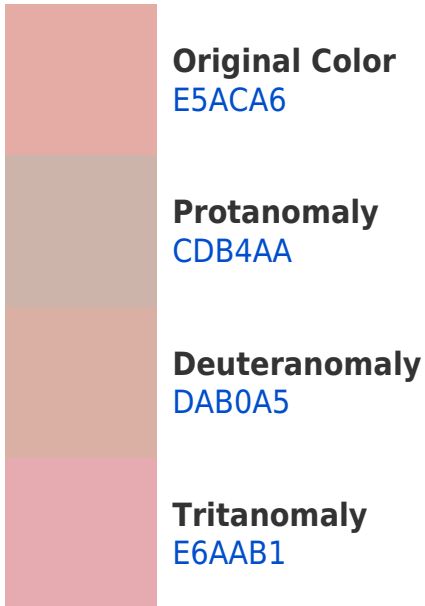
## Dichromacy



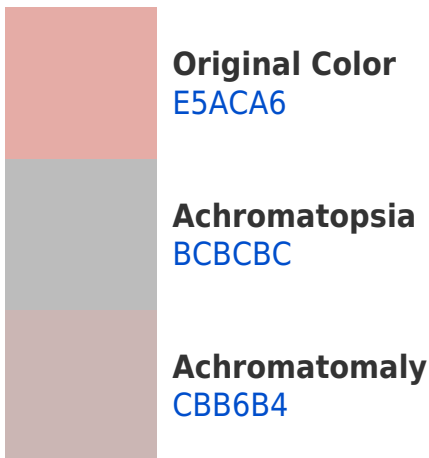


**Tritanopia**  
E7A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5ACA6 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 #E5ACA6 looks like.

```
.text, #text, p{  
    color:#E5ACA6  
}
```

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 #E5ACA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5ACA6  
}
```

## Border

The CSS property to change the border of an element to Hex E5ACA6 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  
#E5ACA6 }
```

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

```
.border{ border-color:#E5ACA6 }
```

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

Here you see how a box with a 4 pixel #E5ACA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5ACA6; -webkit-box-shadow:4px 4px  
4px 4px #E5ACA6; box-shadow:4px 4px 4px  
4px #E5ACA6 }
```

# Background

The CSS property to change the background color of an element to Hex E5ACA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5ACA6 }
```

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

```
.background{ background-color:#E5ACA6 }
```

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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