

# Converting Colors

Hex(E5AA82)

Have a look what the booklet for  
Hex(E5AA82) contains.

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# **Color**

**Hex(E5AA82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5AA82
RGB	229, 170, 130
RGB Percent	90%, 67%, 51%
CMY	0.1020, 0.3333, 0.4902
CMYK	0.00, 0.26, 0.43, 0.10
HSL	24°, 66%, 70%
HSV	24°, 43%, 90%
XYZ	50.7171, 47.0192, 27.5216
YIQ	183.0810, 48.0040, 0.0680

# Conversions

## Conversions Part 2

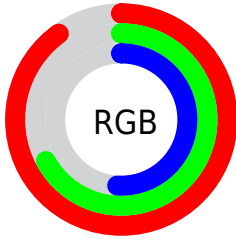
Format	Color
R <sub>Y</sub> B	229, 197, 130
Decimal	15051394
CIE Lab	74.20, 16.75, 29.07
CIE LCh	74, 33.545, 60.052
Yxy	47.0192, 0.4049, 0.3754
Android (android.graphics.Color)	4293241474 (0xFFE5AA82)
YUV	183.0810, -26.1689, 40.2710
Hunter-Lab	68.5705, 12.0262, 24.2026

# Details

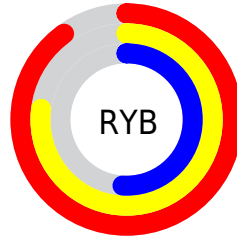
The Hex color **E5AA82** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **82BDE5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE1B7**, and **AB7650** is the 20% darker color. If you saturate the color by 10%, you get **E59C6B**, and if you desaturate by 10%, it is **E5B899**.

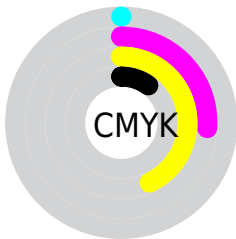
# Distribution



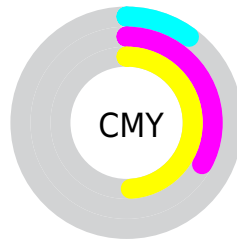
- Red (90%)
- Green (67%)
- Blue (51%)



- Red (90%)
- Yellow (77%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (43%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5AA82 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 E5AA82 by changing the saturation by 10% instead.



 E5AA82

 E5AA82

FFFFFF

 C88F69

 FFE1B7

 AB7650

 FFFED3

 8F5D39

 FFFFEE

 744522

 592F0C

 401900

 270200

 000000

 E5AA82

 E5AA82

 E59C6B

 E5B899

 E58F54

 E5C5B0

 E5813D

 E5D3C7

 E57326

 E5E1DE

 E5660F

 E5EEF5

 E55D00

 E5FCFF

 E5FFFF

# Harmonies

## Analogous

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



F3A299



E5AA82



CCB579

# Triad

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



E5AA82



64C7B5



BBAEEC

# Complementary

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



E5AA82



82BDE5

# 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.



8DB9F4



E5AA82



4FC6D4

# Square

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



E5AA82



87C497



61C2EB



DEA4D6

# Rectangle

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



E5AA82



B7BB7C



61C2EB



ACB2F0



# Sweetspot

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



E5AA82



FFEBDE



E582BD



80736B



000000



808080



# Same Dimension

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



E5AA82



FFB07A



E5DB82



736C67



B34800



331500

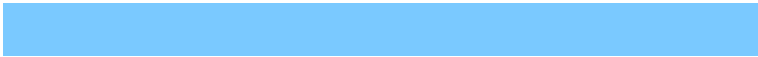


# Inverse Universe

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



82BDE5



7AC9FF



828CE5



676E73



006AB3



001E33



# Previews

## White Background



This preview shows how the Hex color E5AA82 looks on a white background.

## Color Contrast Check

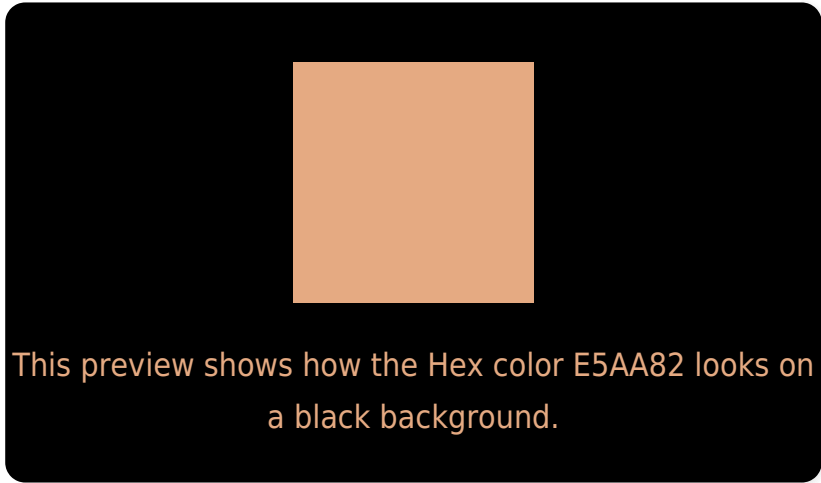
Large Text (above 18pt) WCAG AA × Fail

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

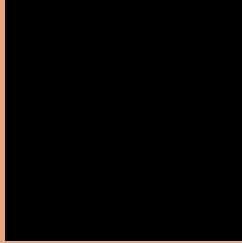
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5AA82 Background



This preview shows how black text looks on a background with the Hex color E5AA82.

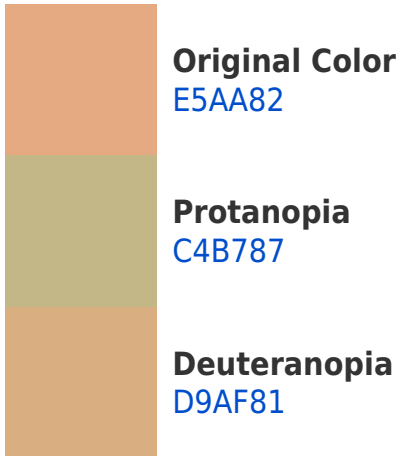



This preview shows how white text looks on a background with the Hex color E5AA82.

# 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](#).

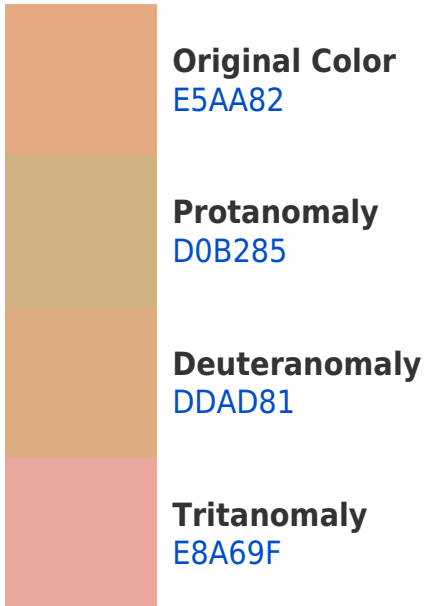
## Dichromacy



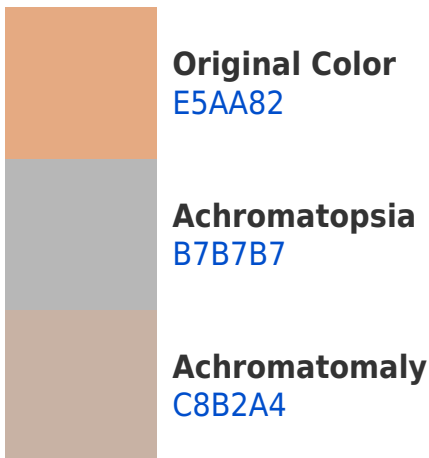


**Tritanopia**  
E9A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5AA82 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 #E5AA82 looks like.

```
.text, #text, p{  
    color:#E5AA82  
}
```

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 #E5AA82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5AA82
}
```

## Border

The CSS property to change the border of an element to Hex E5AA82 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
#E5AA82 }
```

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

```
.border{ border-color:#E5AA82 }
```

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

Here you see how a box with a 4 pixel #E5AA82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5AA82; -webkit-box-shadow:4px 4px  
4px 4px #E5AA82; box-shadow:4px 4px 4px  
4px #E5AA82 }
```

# Background

The CSS property to change the background color of an element to Hex E5AA82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5AA82 }
```

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

```
.background{ background-color:#E5AA82 }
```

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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