

# Converting Colors

Hex(E5A966)

Have a look what the booklet for  
Hex(E5A966) contains.

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**Color**

**Hex(E5A966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5A966
RGB	229, 169, 102
RGB Percent	90%, 66%, 40%
CMY	0.1020, 0.3373, 0.6000
CMYK	0.00, 0.26, 0.55, 0.10
HSL	32°, 71%, 65%
HSV	32°, 55%, 90%
XYZ	48.8993, 45.9933, 18.8707
YIQ	179.3020, 57.2670, -8.1170

# Conversions

## Conversions Part 2

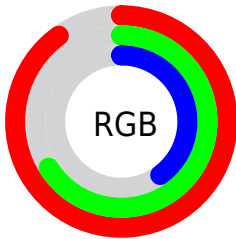
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 229, 102
Decimal	15051110
CIE <sub>Lab</sub>	73.54, 14.69, 42.87
CIE <sub>LCh</sub>	74, 45.320, 71.086
Yxy	45.9933, 0.4298, 0.4043
Android (android.graphics.Color)	4293241190 (0xFFE5A966)
YUV	179.3020, -38.1099, 43.5851
Hunter-Lab	67.8183, 10.0225, 30.9752

# Details

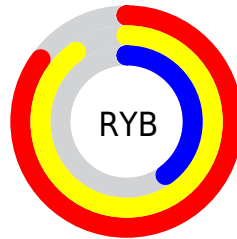
The Hex color **E5A966** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66A2E5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE09A**, and **AA7534** is the 20% darker color. If you saturate the color by 10%, you get **E59E4F**, and if you desaturate by 10%, it is **E5B47D**.

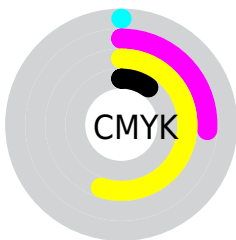
# Distribution



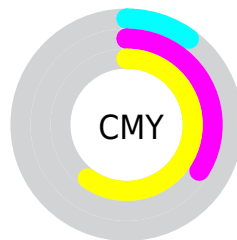
- Red (90%)
- Green (66%)
- Blue (40%)



- Red (85%)
- Yellow (90%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (55%)
- Black (10%)



- Cyan (10%)
- Magenta (34%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5A966 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 E5A966 by changing the saturation by 10% instead.



 E5A966

 E5A966

FFFFFF

 C78F4D

 FFE09A

 AA7534

 FFFDB6

 8E5C1C

 FFFFDD

 724501

 FFFFEE

 572E00

 3C1900

 240100

 000000

 E5A966

 E5A966

 E59E4F

 E5B47D

 E59338

 E5BF94

 E58921

 E5C9AB

 E57E0A

 E5D4C2

 E57900

 E5DFD9

 E5EAEF

 E5F5FF

 E5FFFF

# Harmonies

## Analogous

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



FE9B80



E5A966



C0B761

# Triad

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



E5A966



00CAC3



CDA4F4

# Complementary

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



E5A966



66A2E5

# 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.



8FB4FF



E5A966



00C8EA

# Square

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



E5A966



5AC898



33C0FF



F497D1

# Rectangle

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



E5A966



A2BF6B



33C0FF



BAA9FC

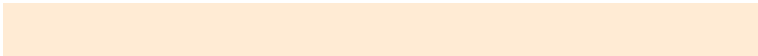


# Sweetspot

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



E5A966



FFEBD4



E566A3



807366



000000



808080



# Same Dimension

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



E5A966



FFAE54



E3E566



736D67



B35E00



331B00



# Inverse Universe

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



66A2E5



54A5FF



6866E5



676D73



0054B3



001833



# Previews

## White Background



This preview shows how the Hex color E5A966 looks on a white background.

## Color Contrast Check

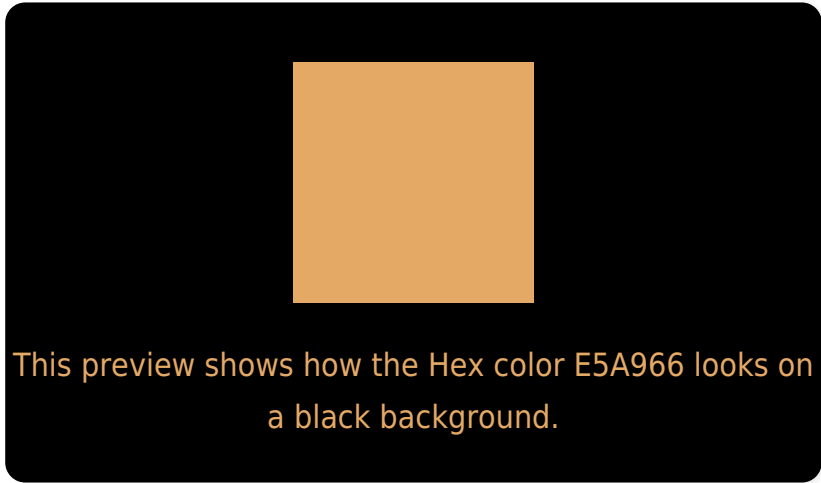
Large Text (above 18pt) WCAG AA × Fail

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

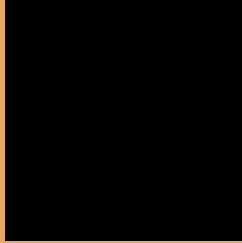
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5A966 Background



This preview shows how black text looks on a background with the Hex color E5A966.

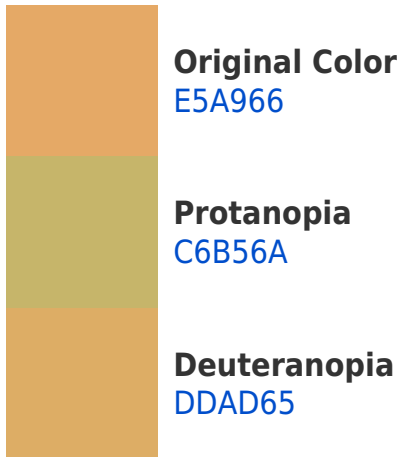


This preview shows how white text looks on a background with the Hex color E5A966.

# Color Blindness Simulation

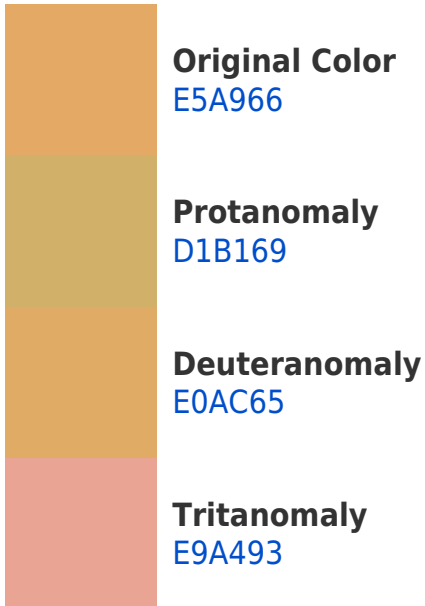
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

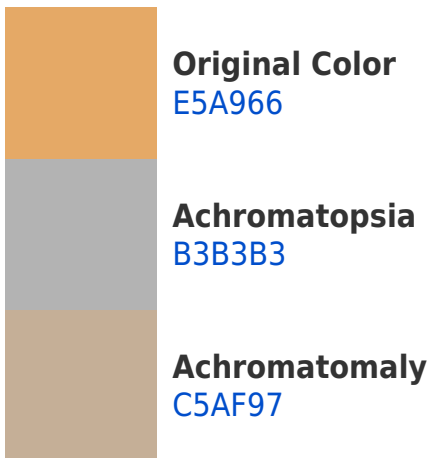




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5A966 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 #E5A966 looks like.

```
.text, #text, p{  
    color:#E5A966  
}
```

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 #E5A966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5A966
}
```

## Border

The CSS property to change the border of an element to Hex E5A966 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
#E5A966 }
```

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

```
.border{ border-color:#E5A966 }
```

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

Here you see how a box with a 4 pixel #E5A966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5A966; -webkit-box-shadow:4px 4px  
4px 4px #E5A966; box-shadow:4px 4px 4px  
4px #E5A966 }
```

# Background

The CSS property to change the background color of an element to Hex E5A966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5A966 }
```

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

```
.background{ background-color:#E5A966 }
```

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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