

# Converting Colors

Hex(E99E65)

Have a look what the booklet for  
Hex(E99E65) contains.

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**Color**

**Hex(E99E65)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E99E65
RGB	233, 158, 101
RGB Percent	91%, 62%, 40%
CMY	0.0863, 0.3804, 0.6039
CMYK	0.00, 0.32, 0.57, 0.09
HSL	26°, 75%, 65%
HSV	26°, 57%, 91%
XYZ	48.1801, 42.7169, 18.0177
YIQ	173.9270, 62.9970, -1.8270

# Conversions

## Conversions Part 2

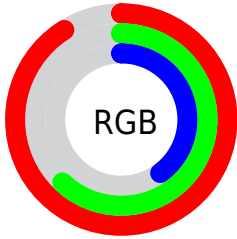
Format	Color
R <sub>Y</sub> B	233, 201, 101
Decimal	15310437
CIE Lab	71.36, 22.11, 40.82
CIE LCh	71, 46.425, 61.563
Yxy	42.7169, 0.4424, 0.3922
Android (android.graphics.Color)	4293500517 (0xFFE99E65)
YUV	173.9270, -35.9530, 51.8070
Hunter-Lab	65.3582, 17.2080, 29.4059

# Details

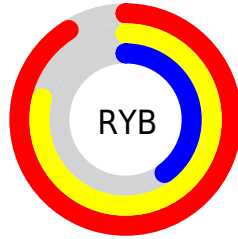
The Hex color **E99E65** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **65B0E9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD599**, and **AE6A34** is the 20% darker color. If you saturate the color by 10%, you get **E9914E**, and if you desaturate by 10%, it is **E9AB7C**.

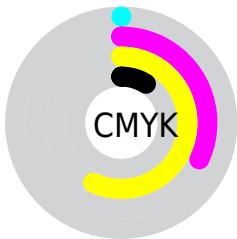
# Distribution



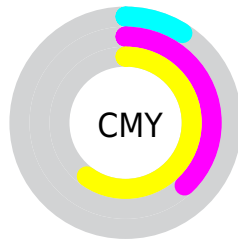
- Red (91%)
- Green (62%)
- Blue (40%)



- Red (91%)
- Yellow (79%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (9%)



- Cyan (9%)
- Magenta (38%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E99E65 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 E99E65 by changing the saturation by 10% instead.



 E99E65

 E99E65

FFFFFF

 CB844C

 FFD599

 AE6A34

 FFF1B4

 91521C

 FFFF00

 743A03

 FFFFEC

 592400

 3E0E00

 260000

 000000

 E99E65

 E99E65

 E9914E

 E9AB7C

 E98436

 E9B894

 E9761F

 E9C6AB

 E96908

 E9D3C2

 E96500

 E9E0DA

 E9EDF1

 E9FBFF

 E9FFFF

# Harmonies

## Analogous

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



FD9185



E99E65



C7AD58

# Triad

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



E99E65



00C5B0



B5A3F7

# Complementary

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



E99E65



65B0E9

# 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.



6DB2FF



E99E65



00C4DA

# Square

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



E99E65



66C185



00BEF8



E594D8

# Rectangle

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



E99E65



AAB65E



00BEF8



A0A8FD

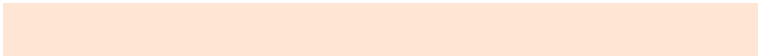


# Sweetspot

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



E99E65



FFE6D4



E965B2



807166



000000



808080



# Same Dimension

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



E99E65



FF9C52



E9DE65



756F6A



B54E00



361700



# Inverse Universe

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



65B0E9



52B4FF



6570E9



6A7075



0067B5

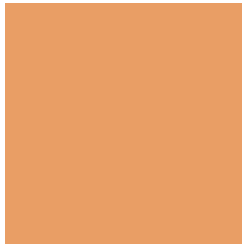


001E36



# Previews

## White Background



This preview shows how the Hex color E99E65 looks on a white background.

## Color Contrast Check

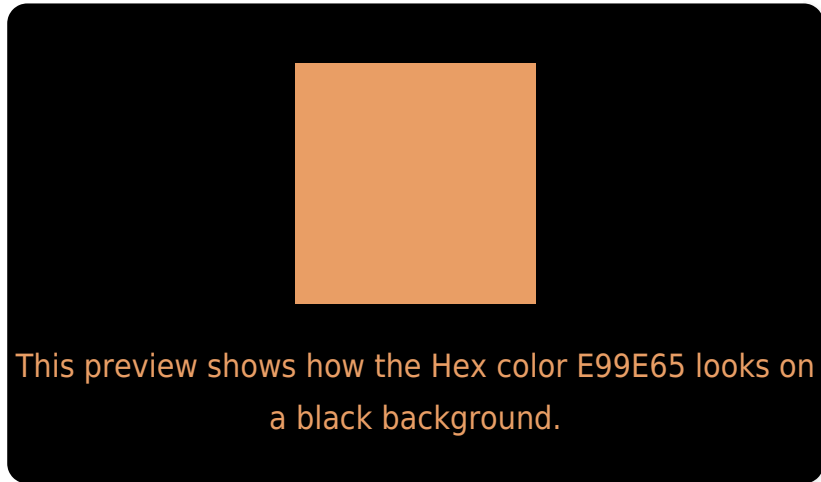
Large Text (above 18pt) WCAG AA × Fail

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

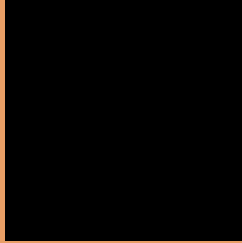
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E99E65 Background



This preview shows how black text looks on a background with the Hex color E99E65.

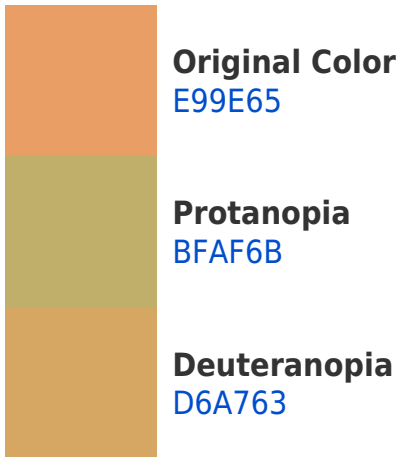


This preview shows how white text looks on a background with the Hex color E99E65.

# 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](#).

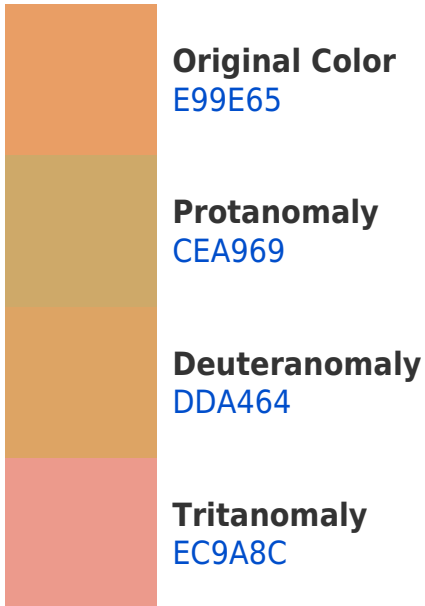
## Dichromacy





**Tritanopia**  
EE97A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E99E65 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 #E99E65 looks like.

```
.text, #text, p{  
    color:#E99E65  
}
```

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 #E99E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E99E65
}
```

## Border

The CSS property to change the border of an element to Hex E99E65 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
#E99E65 }
```

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

```
.border{ border-color:#E99E65 }
```

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

Here you see how a box with a 4 pixel #E99E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E99E65; -webkit-box-shadow:4px 4px  
4px 4px #E99E65; box-shadow:4px 4px 4px  
4px #E99E65 }
```

# Background

The CSS property to change the background color of an element to Hex E99E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E99E65 }
```

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

```
.background{ background-color:#E99E65 }
```

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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