

# Converting Colors

Hex(E99E49)

Have a look what the booklet for  
Hex(E99E49) contains.

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# **Color**

**Hex(E99E49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E99E49
RGB	233, 158, 73
RGB Percent	91%, 62%, 29%
CMY	0.0863, 0.3804, 0.7137
CMYK	0.00, 0.32, 0.69, 0.09
HSL	32°, 78%, 60%
HSV	32°, 69%, 91%
XYZ	47.0337, 42.2584, 11.9811
YIQ	170.7350, 71.9850, -10.5350

# Conversions

## Conversions Part 2

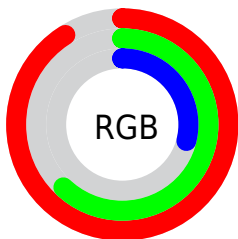
<b>Format</b>	<b>Color</b>
<b>RYB</b>	214, 233, 73
Decimal	15310409
CIELab	71.05, 20.27, 54.25
CIELCh	71, 57.909, 69.508
Yxy	42.2584, 0.4644, 0.4173
Android (android.graphics.Color)	4293500489 (0xFFE99E49)
YUV	170.7350, -48.1834, 54.6064
Hunter-Lab	65.0065, 15.3877, 34.5770

# Details

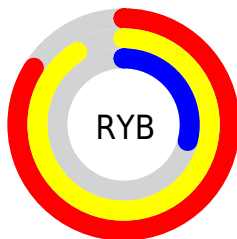
The Hex color **E99E49** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4994E9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD57D**, and **AD6B13** is the 20% darker color. If you saturate the color by 10%, you get **E99332**, and if you desaturate by 10%, it is **E9A960**.

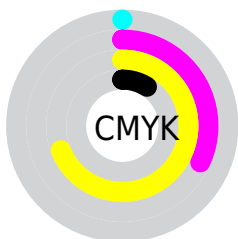
# Distribution



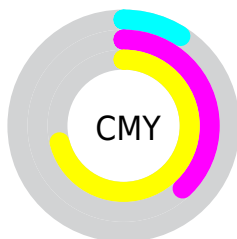
- Red (91%)
- Green (62%)
- Blue (29%)



- Red (84%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (69%)
- Black (9%)



- Cyan (9%)
- Magenta (38%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E99E49 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 E99E49 by changing the saturation by 10% instead.



 E99E49

 E99E49

FFFFFF

 CB842F

 FFD57D

 AD6B13

 FFF198

 8F5200

 FFFFB3

 733B00

 FFFF00

 562500

 FFFFEC

 3B0F00

 240000

 000000

 E99E49

 E99E49

 E99332

 E9A960

 E9881A

 E9B478

 E97D03

 E9BF8F

 E97C00

 E9CAA6

 E9D5BE

 E9E0D5

 E9EAEC

 E9F5FF

 E9FFFF

# Harmonies

## Analogous

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



FF8A6D



E99E49



BCB13F

# Triad

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



E99E49



00C8BE



C799FF

# Complementary

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



E99E49



4994E9

# 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.



6CAEFF



E99E49



00C6F0

# Square

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



E99E49



23C587



00BDFE



FB86D4

# Rectangle

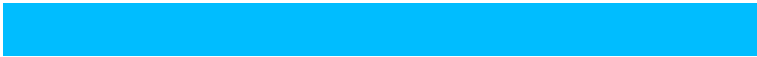
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E99E49



97BA4D



00BDFF



AEA0FF

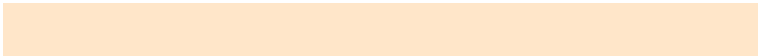


# Sweetspot

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



E99E49



FFE6C9



E94996



807160



000000



808080



# Same Dimension

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



E99E49



FF9D2E



E6E949



75706A



B56000



361C00



# Inverse Universe

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



4994E9



2E90FF



4C49E9



6A6F75



0055B5



001936



# Previews

## White Background



This preview shows how the Hex color E99E49 looks on a white background.

## Color Contrast Check

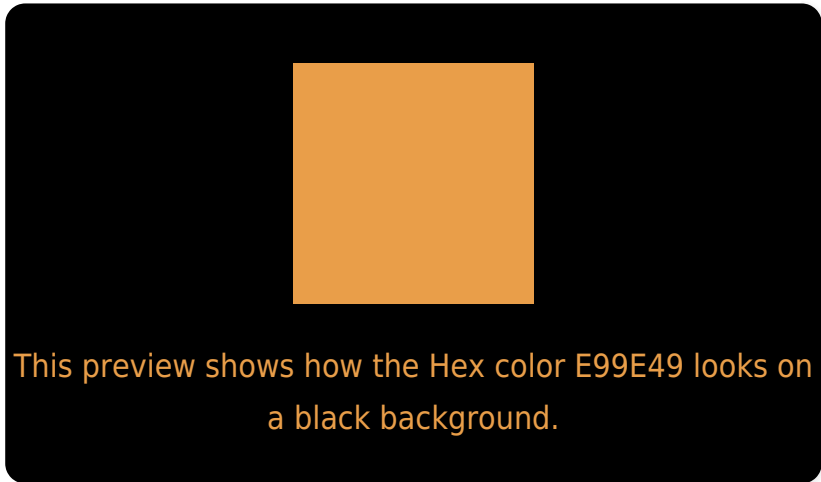
Large Text (above 18pt) WCAG AA × Fail

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 E99E49 Background



This preview shows how black text looks on a background with the Hex color E99E49.



This preview shows how white text looks on a background with the Hex color E99E49.

# 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



**Original Color**  
E99E49

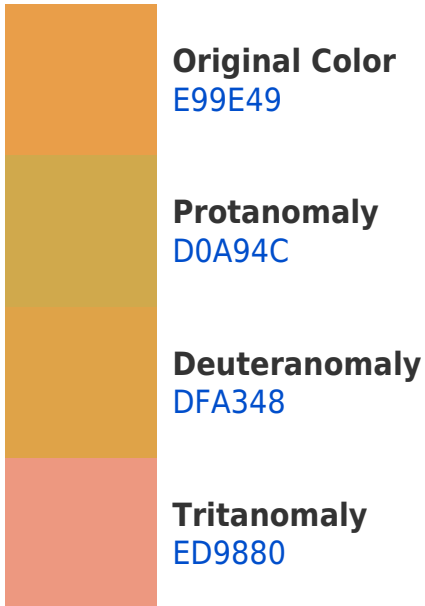
**Protanopia**  
C2AF4E

**Deuteranopia**  
D9A647

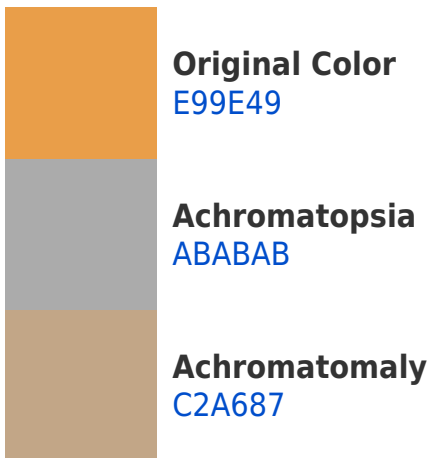


**Tritanopia**  
EF95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E99E49 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 #E99E49 looks like.

```
.text, #text, p{  
    color:#E99E49  
}
```

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 #E99E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E99E49
}
```

## Border

The CSS property to change the border of an element to Hex E99E49 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
#E99E49 }
```

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

```
.border{ border-color:#E99E49 }
```

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

Here you see how a box with a 4 pixel #E99E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E99E49; -webkit-box-shadow:4px 4px  
4px 4px #E99E49; box-shadow:4px 4px 4px  
4px #E99E49 }
```

# Background

The CSS property to change the background color of an element to Hex E99E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E99E49 }
```

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

```
.background{ background-color:#E99E49 }
```

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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