

# Converting Colors

Hex(E59D5E)

Have a look what the booklet for  
Hex(E59D5E) contains.

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# **Color**

**Hex(E59D5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E59D5E
RGB	229, 157, 94
RGB Percent	90%, 62%, 37%
CMY	0.1020, 0.3843, 0.6314
CMYK	0.00, 0.31, 0.59, 0.10
HSL	28°, 72%, 63%
HSV	28°, 59%, 90%
XYZ	46.3904, 41.5801, 16.1704
YIQ	171.3460, 63.1350, -4.3290

# Conversions

## Conversions Part 2

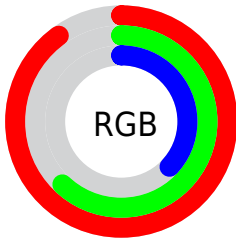
Format	Color
R <sub>Y</sub> B	229, 212, 94
Decimal	15048030
CIE Lab	70.58, 20.48, 43.36
CIE LCh	71, 47.956, 64.720
Yxy	41.5801, 0.4455, 0.3993
Android (android.graphics.Color)	4293238110 (0xFFE59D5E)
YUV	171.3460, -38.1316, 50.5626
Hunter-Lab	64.4826, 15.5728, 30.2696

# Details

The Hex color **E59D5E** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5EA6E5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD492**, and **AA692D** is the 20% darker color. If you saturate the color by 10%, you get **E59147**, and if you desaturate by 10%, it is **E5A975**.

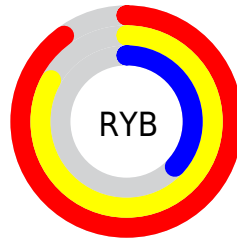
# Distribution



Red (90%)

Green (62%)

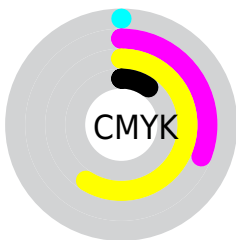
Blue (37%)



Red (90%)

Yellow (83%)

Blue (37%)

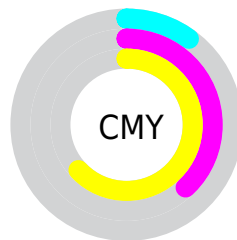


Cyan (0%)

Magenta (31%)

Yellow (59%)

Black (10%)



Cyan (10%)

Magenta (38%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E59D5E 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 E59D5E by changing the saturation by 10% instead.



 E59D5E

 E59D5E

FFFFFF

 C78345


 FFD492

 AA692D

 FFF0AD

 8D5114

 FFFFC9

 713A00

 FFFF E5

 552300

 3A0E00

 230001

 000000

 E59D5E

 E59D5E

 E59147

 E5A975

 E58530

 E5B58C

 E57819

 E5C2A3

 E56C02

 E5CEBA

 E56B00

 E5DAD1

 E5E6E7

 E5F2FE

 E5FFFF

# Harmonies

## Analogous

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



FB8F7D



E59D5E



C1AC53

# Triad

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



E59D5E



00C3B2



B99FF5

# Complementary

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



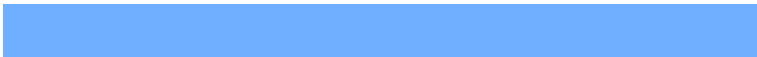
E59D5E



5EA6E5

# 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.



70AFFF



E59D5E



00C2DD

# Square

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



E59D5E



59C086



00BBFB



E88FD3

# Rectangle

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



E59D5E



A3B55B



00BBFB



A4A4FC



# Sweetspot

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



E59D5E



FFE7D1



E55EA6



807163



000000



808080



# Same Dimension

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



E59D5E



FF9E4A



E5E15E



736D67



B35300



331800



# Inverse Universe

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



5EA6E5



4AABFF



5E62E5



676D73



005FB3

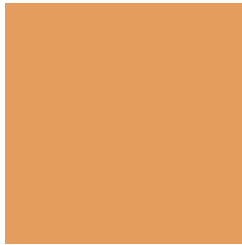


001B33



# Previews

## White Background



This preview shows how the Hex color E59D5E looks on a white background.

## Color Contrast Check

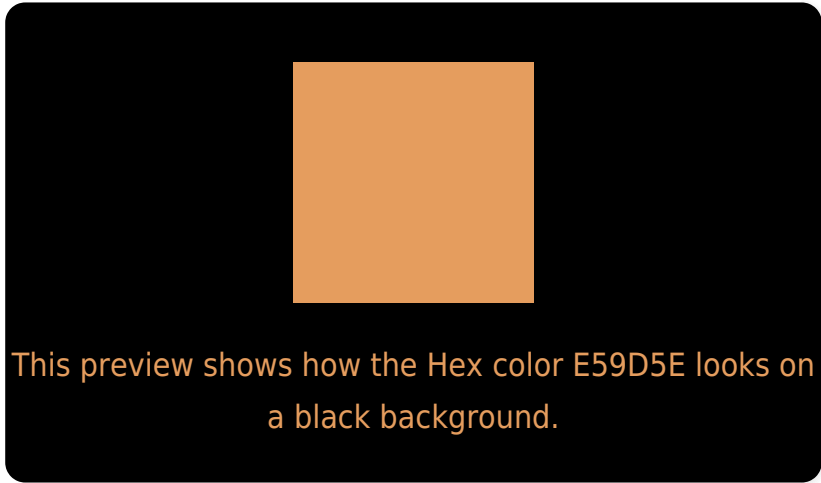
Large Text (above 18pt) WCAG AA × Fail

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

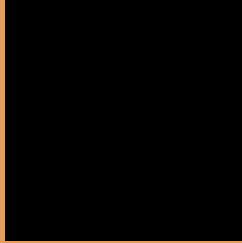
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E59D5E Background



This preview shows how black text looks on a background with the Hex color E59D5E.



This preview shows how white text looks on a background with the Hex color E59D5E.

# 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**  
E59D5E

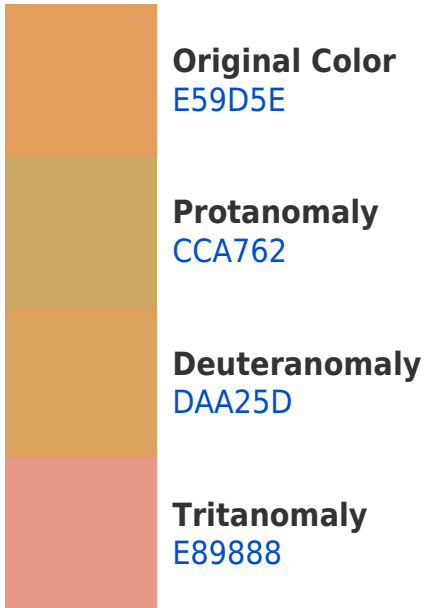
**Protanopia**  
BEAD64

**Deuteranopia**  
D4A55C



**Tritanopia**  
EA95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E59D5E 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 #E59D5E looks like.

```
.text, #text, p{  
    color:#E59D5E  
}
```

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 #E59D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E59D5E
}
```

## Border

The CSS property to change the border of an element to Hex E59D5E 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
#E59D5E }
```

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

```
.border{ border-color:#E59D5E }
```

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

Here you see how a box with a 4 pixel #E59D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E59D5E; -webkit-box-shadow:4px 4px  
4px 4px #E59D5E; box-shadow:4px 4px 4px  
4px #E59D5E }
```

# Background

The CSS property to change the background color of an element to Hex E59D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E59D5E }
```

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

```
.background{ background-color:#E59D5E }
```

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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