

# Converting Colors

Hex(E19F49)

Have a look what the booklet for  
Hex(E19F49) contains.

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# **Color**

**Hex(E19F49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E19F49
RGB	225, 159, 73
RGB Percent	88%, 62%, 29%
CMY	0.1176, 0.3765, 0.7137
CMYK	0.00, 0.29, 0.68, 0.12
HSL	34°, 72%, 58%
HSV	34°, 68%, 88%
XYZ	44.6521, 41.2849, 11.9187
YIQ	168.9300, 66.9420, -12.7540

# Conversions

## Conversions Part 2

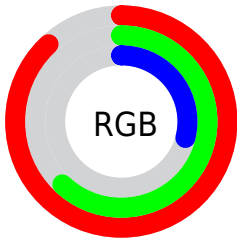
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 225, 73
Decimal	14786377
CIELab	70.38, 16.38, 53.25
CIELCh	70, 55.714, 72.897
Yxy	41.2849, 0.4563, 0.4219
Android (android.graphics.Color)	4292976457 (0xFFE19F49)
YUV	168.9300, -47.2935, 49.1734
Hunter-Lab	64.2533, 11.6032, 33.9793

# Details

The Hex color **E19F49** 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 **498BE1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD67D**, and **A56C13** is the 20% darker color. If you saturate the color by 10%, you get **E19533**, and if you desaturate by 10%, it is **E1A95F**.

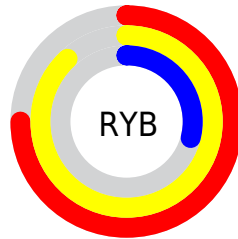
# Distribution



Red (88%)

Green (62%)

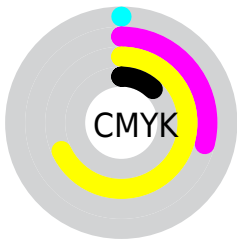
Blue (29%)



Red (75%)

Yellow (88%)

Blue (29%)

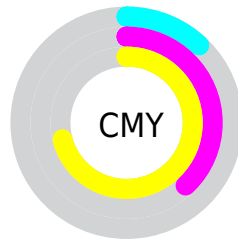


Cyan (0%)

Magenta (29%)

Yellow (68%)

Black (12%)



Cyan (12%)

Magenta (38%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E19F49 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 E19F49 by changing the saturation by 10% instead.



 E19F49

 E19F49

FFFFFF

 C3852F

 FFD67D

 A56C13

 FFF298

 885300

 FFFFB3

 6C3C00

 FFFF00

 502600

 FFFFEC

 351200

 1F0001

 000000

 E19F49

 E19F49

 E19533

 E1A95F

 E18B1C

 E1B376

 E18205

 E1BC8C

 E17F00

 E1C6A3

 E1D0BA

 E1DAD0

 E1E3E7

 E1EDFD

 E1F7FF

# Harmonies

## Analogous

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



FF8C69



E19F49



B4B044

# Triad

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



E19F49



00C5C1



CC96F7

# Complementary

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



E19F49



498BE1

# 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.



7BAAFF



E19F49



00C3F0

# Square

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



E19F49



15C38D



00BAFF



FA84CB

# Rectangle

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



E19F49



90B953



00BAFF



B59DFF



# Sweetspot

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



E19F49



FFE9CC



E1498D



807261



000000



808080



# Same Dimension

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



E19F49



FFA530



D9E149



706B65



B06400



301B00



# Inverse Universe

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



498BE1



308AFF



5149E1



656A70



004CB0



001530



# Previews

## White Background



This preview shows how the Hex color E19F49 looks on a white background.

## Color Contrast Check

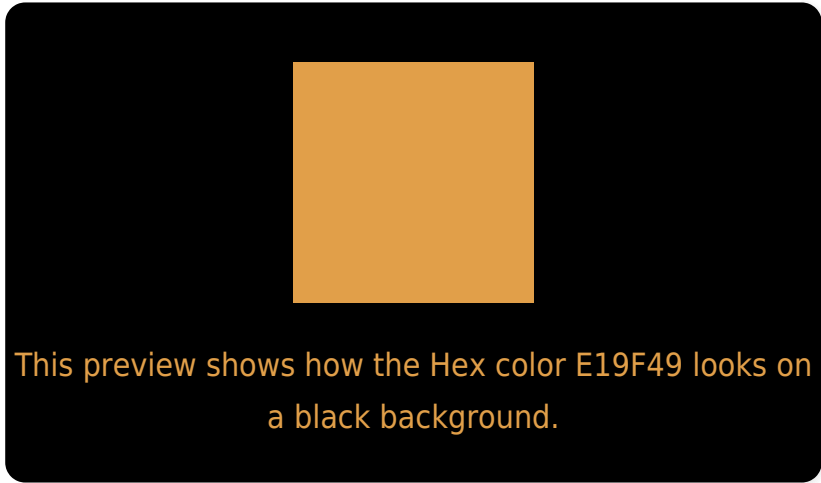
Large Text (above 18pt) WCAG AA × Fail

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

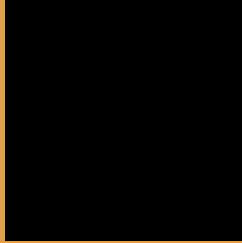
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E19F49 Background



This preview shows how black text looks on a background with the Hex color E19F49.



This preview shows how white text looks on a background with the Hex color E19F49.

# 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**  
E19F49

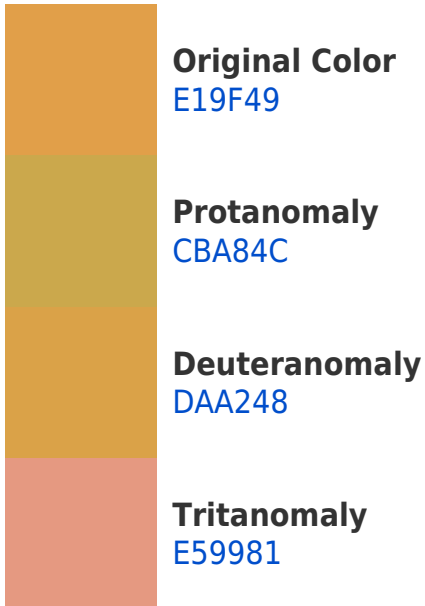
**Protanopia**  
BFAD4D

**Deuteranopia**  
D6A448

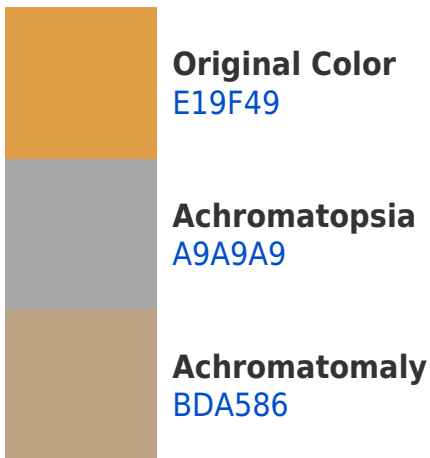


**Tritanopia**  
E796A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E19F49 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 #E19F49 looks like.

```
.text, #text, p{  
    color:#E19F49  
}
```

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 #E19F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E19F49
}
```

## Border

The CSS property to change the border of an element to Hex E19F49 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
#E19F49 }
```

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

```
.border{ border-color:#E19F49 }
```

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

Here you see how a box with a 4 pixel #E19F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E19F49; -webkit-box-shadow:4px 4px  
4px 4px #E19F49; box-shadow:4px 4px 4px  
4px #E19F49 }
```

# Background

The CSS property to change the background color of an element to Hex E19F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E19F49 }
```

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

```
.background{ background-color:#E19F49 }
```

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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