

Converting Colors

Hex(E39948)

Have a look what the booklet for
Hex(E39948) contains.

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Color

Hex(E39948)

Conversions

Conversions Part 1

Format	Color
Hex	E39948
RGB	227, 153, 72
RGB Percent	89%, 60%, 28%
CMY	0.1098, 0.4000, 0.7176
CMYK	0.00, 0.33, 0.68, 0.11
HSL	31°, 73%, 59%
HSV	31°, 68%, 89%
XYZ	44.2395, 39.5812, 11.4392
YIQ	165.8920, 70.1050, -9.5030

Conversions

Conversions Part 2

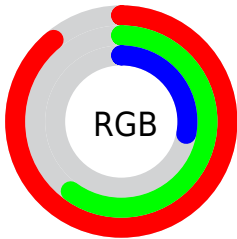
Format	Color
RYB	214, 227, 72
Decimal	14915912
CIELab	69.17, 20.38, 52.47
CIELCh	69, 56.291, 68.777
Yxy	39.5812, 0.4644, 0.4155
Android (android.graphics.Color)	4293105992 (0xFFE39948)
YUV	165.8920, -46.2888, 53.5917
Hunter-Lab	62.9136, 15.4185, 33.2592

Details

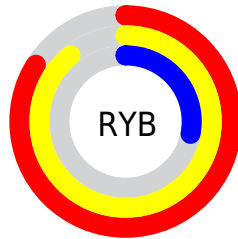
The Hex color **E39948** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4892E3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCF7C**, and **A76613** is the 20% darker color. If you saturate the color by 10%, you get **E38E31**, and if you desaturate by 10%, it is **E3A45F**.

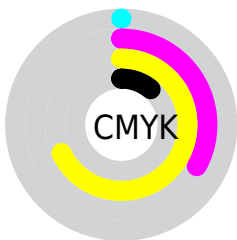
Distribution



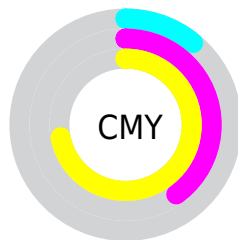
- Red (89%)
- Green (60%)
- Blue (28%)



- Red (84%)
- Yellow (89%)
- Blue (28%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color E39948 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 E39948 by changing the saturation by 10% instead.

 E39948

 E39948

FFFFFF

 C57F2E

 FFCF7C

 A76613

 FFEC97

 8A4E00

 FFFFB2

 6D3600

 FFFFCE

 512000

 FFFFEB

 360B00

 1E0001

 000000

 E39948

 E39948

 E38E31

 E3A45F

 E3831B

 E3AF75

 E37804

 E3BA8C

 E37700

 E3C4A3

 E3CFBA

 E3DAD0

 E3E5E7

 E3F0FE

 E3FBFF

Harmonies

Analogous

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



FF866C



E39948



B7AB3E

Triad

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



E39948



00C2B7



C095F9

Complementary

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



E39948



4892E3

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.



67A9FF



E39948



00C0E7

Square

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



E39948



29C082



00B8FF



F382CF

Rectangle

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



E39948



94B44A



00B8FF



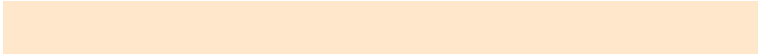
A79CFF

Sweetspot

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



E39948



FFE7CC



E34893



807161



000000



808080

Same Dimension

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



E39948



FF9B2E



E0E348



736D67



B35D00



331B00

Inverse Universe

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



4892E3



2E92FF



4B48E3



676D73



0055B3



001833

Previews

White Background



This preview shows how the Hex color E39948 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

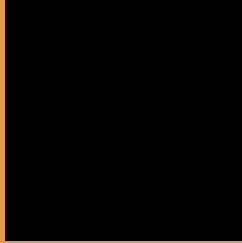
Any Text WCAG AA ✓ Pass

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 E39948 Background



This preview shows how black text looks on a background with the Hex color E39948.



This preview shows how white text looks on a background with the Hex color E39948.

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
E39948

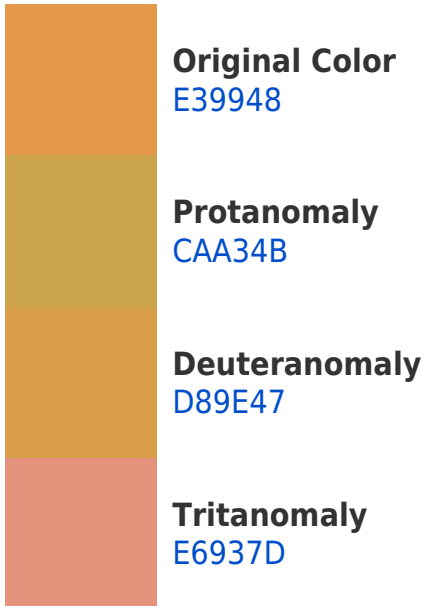
Protanopia
BCA94D

Deuteranopia
D2A146

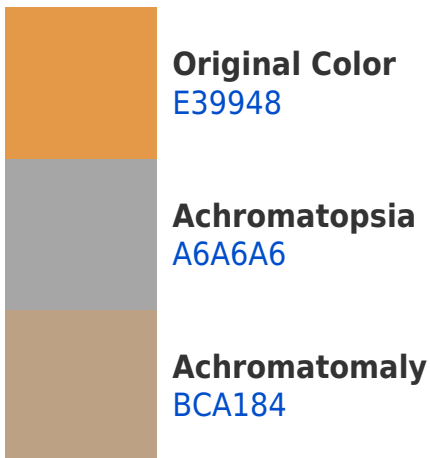


Tritanopia
E8909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E39948 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 #E39948 looks like.

```
.text, #text, p{  
    color:#E39948  
}
```

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 #E39948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E39948
}
```

Border

The CSS property to change the border of an element to Hex E39948 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
#E39948 }
```

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

```
.border{ border-color:#E39948 }
```

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

Here you see how a box with a 4 pixel #E39948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E39948; -webkit-box-shadow:4px 4px  
4px 4px #E39948; box-shadow:4px 4px 4px  
4px #E39948 }
```

Background

The CSS property to change the background color of an element to Hex E39948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E39948 }
```

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

```
.background{ background-color:#E39948 }
```

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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