

# Converting Colors

Hex(E39054)

Have a look what the booklet for  
Hex(E39054) contains.

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**Color**

**Hex(E39054)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E39054                     |
| RGB           | 227, 144, 84               |
| RGB Percent   | 89%, 56%, 33%              |
| CMY           | 0.1098, 0.4353, 0.6706     |
| CMYK          | 0.00, 0.37, 0.63, 0.11     |
| HSL           | 25°, 72%, 61%              |
| HSV           | 25°, 63%, 89%              |
| XYZ           | 43.2520, 36.9175, 13.2337  |
| YIQ           | 161.9770, 68.7280, -1.0640 |

# Conversions

## Conversions Part 2

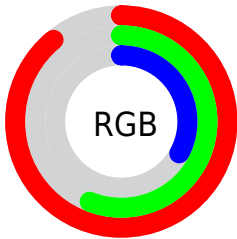
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">227, 187, 84</a>                                 |
| Decimal                             | <a href="#">14913620</a>                                     |
| CIELab                              | <a href="#">67.22, 25.90, 44.41</a>                          |
| CIElCh                              | <a href="#">67, 51.407, 59.747</a>                           |
| Yxy                                 | <a href="#">36.9175, 0.4631, 0.3952</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4293103700</a><br>( <a href="#">0xFFE39054</a> ) |
| YUV                                 | <a href="#">161.9770, -38.4427, 57.0252</a>                  |
| Hunter-Lab                          | <a href="#">60.7598, 20.7362, 29.6183</a>                    |

# Details

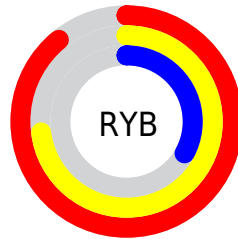
The Hex color **E39054** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **54A7E3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFC687**, and **A75D23** is the 20% darker color. If you saturate the color by 10%, you get **E3833D**, and if you desaturate by 10%, it is **E39D6B**.

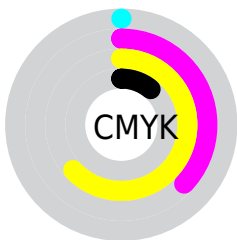
# Distribution



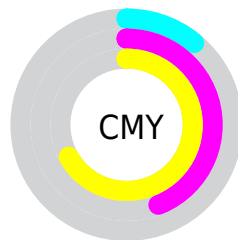
- Red (89%)
- Green (56%)
- Blue (33%)



- Red (89%)
- Yellow (73%)
- Blue (33%)



- Cyan (0%)
- Magenta (37%)
- Yellow (63%)
- Black (11%)



- Cyan (11%)
- Magenta (44%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E39054 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 E39054 by changing the saturation by 10% instead.



 E39054

 E39054

FFFFFF

 C5763B

 FFC687

 A75D23

 FFE2A2

 8A4509

 FFFFBD

 6E2D00

 FFFFDA

 511700

 FFFFF6

 360100

 1B0001

 000000

 E39054

 E39054

 E3833D

 E39D6B

 E37627

 E3AA81

 E36810

 E3B898

 E35F00

 E3C5AF

 E3D2C5

 E3DFDC

 E3ECF3

 E3F9FF

 E3FFFF

# Harmonies

## Analogous

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



F88178



E39054



BFA143

# Triad

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



E39054



00BBA2



A598F4

# Complementary

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



E39054



54A7E3

# 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.



48A9FF



E39054



00BAD0

# Square

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



E39054



53B773



00B4F3



DC86D3

# Rectangle

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



E39054



A0AA48



00B4F3



8C9EFB

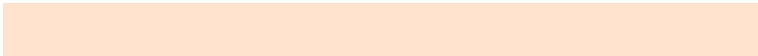


# Sweetspot

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



E39054



FFE3CF



E354A7



806E62



000000



808080



# Same Dimension

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



E39054



FF8F3D



E3D754



736C67



B34B00



331500



# Inverse Universe

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



54A7E3



3DAEFF



5460E3



676E73



0068B3

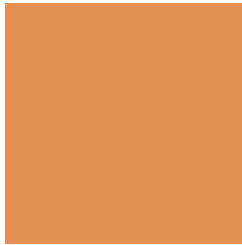


001E33



# Previews

## White Background



This preview shows how the Hex color E39054 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

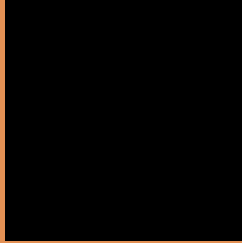
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E39054 Background



This preview shows how black text looks on a background with the Hex color E39054.



This preview shows how white text looks on a background with the Hex color E39054.

# 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**  
E39054

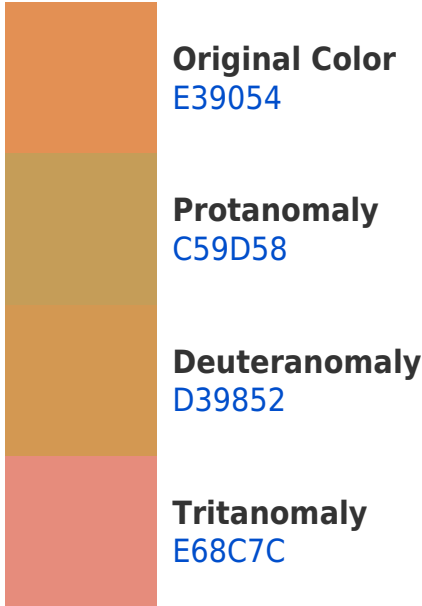
**Protanopia**  
B4A45B

**Deuteranopia**  
CA9C51

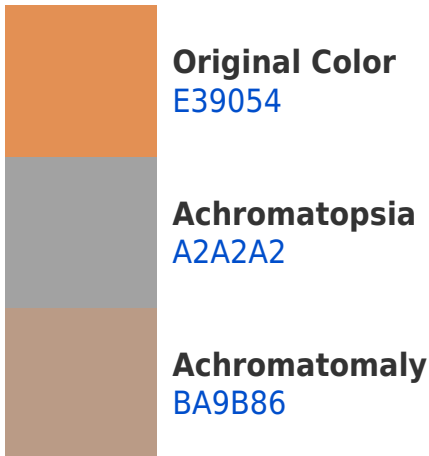


**Tritanopia**  
E78993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E39054 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 #E39054 looks like.

```
.text, #text, p{  
    color:#E39054  
}
```

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 #E39054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E39054
}
```

## Border

The CSS property to change the border of an element to Hex E39054 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
#E39054 }
```

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

```
.border{ border-color:#E39054 }
```

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

Here you see how a box with a 4 pixel #E39054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E39054; -webkit-box-shadow:4px 4px  
4px 4px #E39054; box-shadow:4px 4px 4px  
4px #E39054 }
```

# Background

The CSS property to change the background color of an element to Hex E39054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E39054 }
```

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

```
.background{ background-color:#E39054 }
```

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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