

# Converting Colors

Hex(E69343)

Have a look what the booklet for  
Hex(E69343) contains.

<b>Hex(E69343)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E69343)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E69343
RGB	230, 147, 67
RGB Percent	90%, 58%, 26%
CMY	0.0980, 0.4235, 0.7373
CMYK	0.00, 0.36, 0.71, 0.10
HSL	29°, 77%, 58%
HSV	29°, 71%, 90%
XYZ	44.0800, 38.0957, 10.3401
YIQ	162.6970, 75.1480, -7.2840

# Conversions

## Conversions Part 2

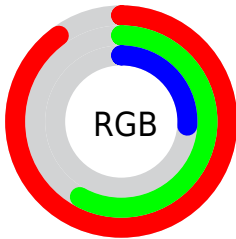
Format	Color
R <sub>Y</sub> B	230, 224, 67
Decimal	15110979
CIE Lab	68.09, 24.56, 53.74
CIE LCh	68, 59.085, 65.436
Yxy	38.0957, 0.4765, 0.4118
Android (android.graphics.Color)	4293301059 (0xFFE69343)
YUV	162.6970, -47.1786, 59.0247
Hunter-Lab	61.7217, 19.4669, 33.2724

# Details

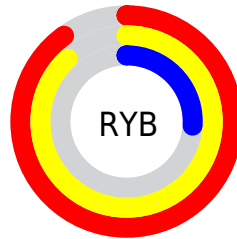
The Hex color **E69343** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **4396E6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC977**, and **A9600B** is the 20% darker color. If you saturate the color by 10%, you get **E6872C**, and if you desaturate by 10%, it is **E69F5A**.

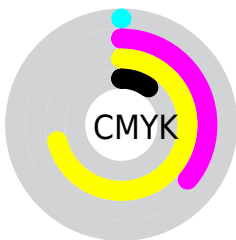
# Distribution



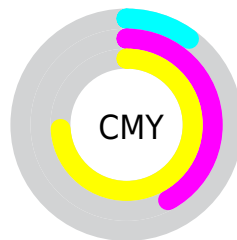
- Red (90%)
- Green (58%)
- Blue (26%)



- Red (90%)
- Yellow (88%)
- Blue (26%)



- Cyan (0%)
- Magenta (36%)
- Yellow (71%)
- Black (10%)



- Cyan (10%)
- Magenta (42%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E69343 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 E69343 by changing the saturation by 10% instead.



 E69343

 E69343

FFFFFF

 C77929

 FFC977

 A9600B

 FFE591

 8C4800

 FFFFAD

 6F3100

 FFFFC9

 521A00

 FFFF E5

 370400

 1E0001

 000000

 E69343

 E69343

 E6872C

 E69F5A

 E67C15

 E6AA71

 E67100

 E6B688

 E6C29F

 E6CEB6

 E6D9CD

 E6E5E4

 E6F1FB

 E6FCFF

# Harmonies

## Analogous

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



FF7F6B



E69343



BAA633

# Triad

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



E69343



00C0AE



B594FD

# Complementary

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



E69343



4396E6

# 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.



4AA9FF



E69343



00BFE2

# Square

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



E69343



28BD77



00B7FF



EF7FD3

# Rectangle

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



E69343



96B03F



00B7FF



9A9BFF

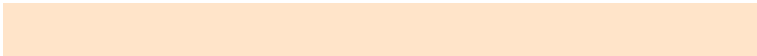


# Sweetspot

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



E69343



FFE4C9



E64397



806F60



000000



808080



# Same Dimension

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



E69343



FF9126



E6E343



736D67



B35800



331900



# Inverse Universe

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



4396E6



2695FF



4346E6



676D73



005BB3



001A33



# Previews

## White Background



This preview shows how the Hex color E69343 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

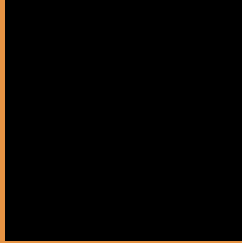
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E69343 Background



This preview shows how black text looks on a background with the Hex color E69343.



This preview shows how white text looks on a background with the Hex color E69343.

# 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**  
E69343

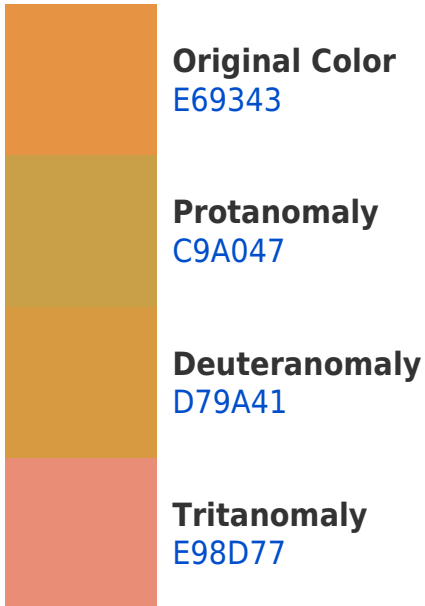
**Protanopia**  
B9A749

**Deuteranopia**  
CF9E40

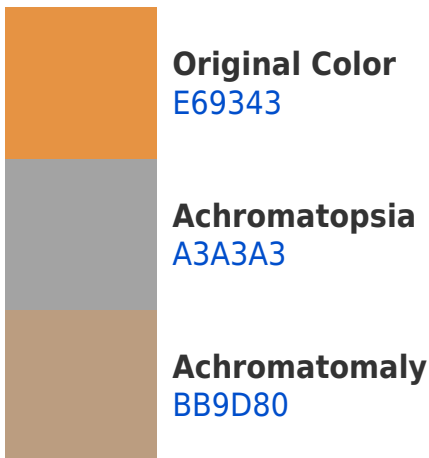


**Tritanopia**  
EB8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E69343 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 #E69343 looks like.

```
.text, #text, p{  
    color:#E69343  
}
```

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 #E69343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E69343
}
```

## Border

The CSS property to change the border of an element to Hex E69343 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
#E69343 }
```

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

```
.border{ border-color:#E69343 }
```

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

Here you see how a box with a 4 pixel #E69343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E69343; -webkit-box-shadow:4px 4px  
4px 4px #E69343; box-shadow:4px 4px 4px  
4px #E69343 }
```

# Background

The CSS property to change the background color of an element to Hex E69343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E69343 }
```

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

```
.background{ background-color:#E69343 }
```

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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