

# Converting Colors

Hex(E38252)

Have a look what the booklet for  
Hex(E38252) contains.

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**Color**

**Hex(E38252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E38252
RGB	227, 130, 82
RGB Percent	89%, 51%, 32%
CMY	0.1098, 0.4902, 0.6784
CMYK	0.00, 0.43, 0.64, 0.11
HSL	20°, 72%, 61%
HSV	20°, 64%, 89%
XYZ	41.1842, 32.9054, 12.1634
YIQ	153.5310, 73.2200, 5.6360

# Conversions

## Conversions Part 2

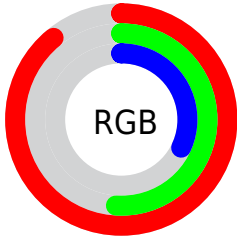
<b>Format</b>	<b>Color</b>
<b>RYB</b>	227, 154, 82
Decimal	14910034
CIELab	64.08, 33.17, 41.75
CIELCh	64, 53.323, 51.539
Yxy	32.9054, 0.4775, 0.3815
Android (android.graphics.Color)	4293100114 (0xFFE38252)
YUV	153.5310, -35.2648, 64.4323
Hunter-Lab	57.3632, 27.7694, 27.5823

# Details

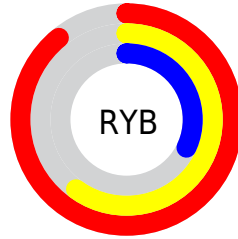
The Hex color **E38252** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **52B3E3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB885**, and **A74F22** is the 20% darker color. If you saturate the color by 10%, you get **E3733B**, and if you desaturate by 10%, it is **E39169**.

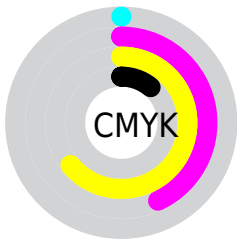
# Distribution



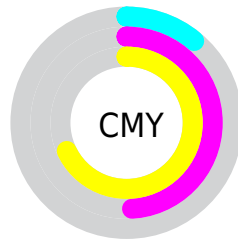
- Red (89%)
- Green (51%)
- Blue (32%)



- Red (89%)
- Yellow (60%)
- Blue (32%)



- Cyan (0%)
- Magenta (43%)
- Yellow (64%)
- Black (11%)



- Cyan (11%)
- Magenta (49%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E38252 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 E38252 by changing the saturation by 10% instead.



 E38252

 E38252

FFFFFF

 C5683A

 FFB885

 A74F22

 FFD49F

 89370A

 FFF1BB

 6D1E00

 FFFFD6

 500300

 FFFFF3

 350000

 120000

 000000

 E38252

 E38252

 E3733B

 E39169

 E36425

 E3A07F

 E3540E

 E3B096

 E34B00

 E3BFAD

 E3CEC3

 E3DDDA

 E3ECF1

 E3FBFF

 E3FFFF

# Harmonies

## Analogous

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



F3747B



E38252



C19439

# Triad

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



E38252



00B28C



8794F4

# Complementary

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



E38252



52B3E3

# 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.



00A4F9



E38252



00B3BD

# Square

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



E38252



5BAD5E



00AFE5



C981D7

# Rectangle

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



E38252



A49F38



00AFE5



679AF9



# Sweetspot

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



E38252



FFDFCF



E352B5



806C62



000000



808080



# Same Dimension

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



E38252



FF7C3B



E3C852



736B67



B33B00



331100



# Inverse Universe

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



52B3E3



3BBEFF



526DE3



676F73



0077B3



002233



# Previews

## White Background



This preview shows how the Hex color E38252 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 E38252 Background



This preview shows how black text looks on a background with the Hex color E38252.

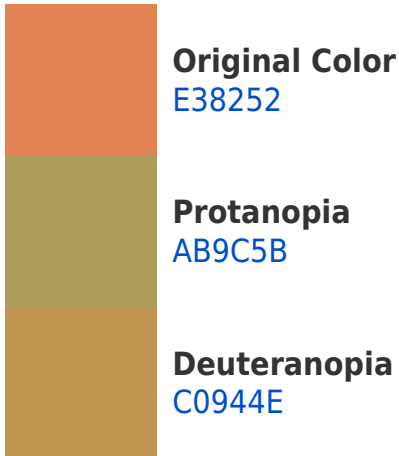


This preview shows how white text looks on a background with the Hex color E38252.

# 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](#).

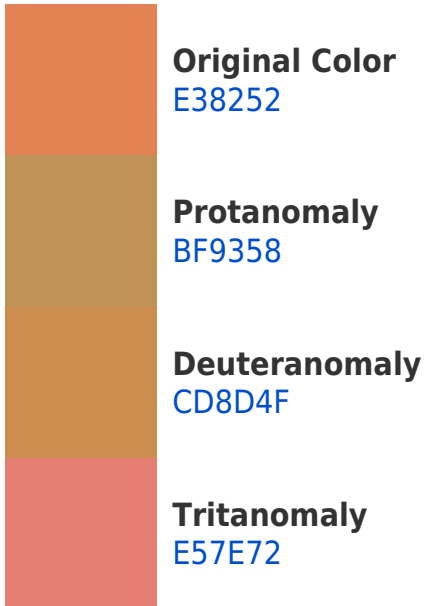
## Dichromacy



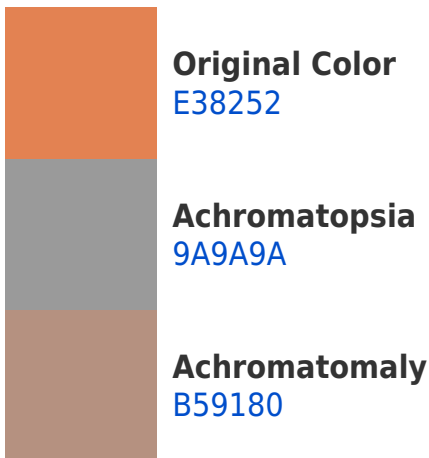


**Tritanopia**  
E67C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E38252 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 #E38252 looks like.

```
.text, #text, p{  
    color:#E38252  
}
```

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 #E38252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38252
}
```

## Border

The CSS property to change the border of an element to Hex E38252 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
#E38252 }
```

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

```
.border{ border-color:#E38252 }
```

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

Here you see how a box with a 4 pixel #E38252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38252; -webkit-box-shadow:4px 4px  
4px 4px #E38252; box-shadow:4px 4px 4px  
4px #E38252 }
```

# Background

The CSS property to change the background color of an element to Hex E38252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38252 }
```

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

```
.background{ background-color:#E38252 }
```

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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