

# Converting Colors

Hex(E98D56)

Have a look what the booklet for  
Hex(E98D56) contains.

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**Color**

**Hex(E98D56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E98D56
RGB	233, 141, 86
RGB Percent	91%, 55%, 34%
CMY	0.0863, 0.4471, 0.6627
CMYK	0.00, 0.39, 0.63, 0.09
HSL	22°, 77%, 63%
HSV	22°, 63%, 91%
XYZ	44.8089, 37.0453, 13.5929
YIQ	162.2380, 72.4870, 2.3990

# Conversions

## Conversions Part 2

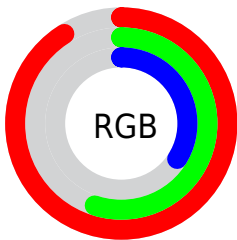
Format	Color
<a href="#">RYB</a>	<a href="#">233, 174, 86</a>
Decimal	<a href="#">15306070</a>
CIELab	<a href="#">67.31, 30.05, 43.68</a>
CIElCh	<a href="#">67, 53.018, 55.479</a>
Yxy	<a href="#">37.0453, 0.4695, 0.3881</a>
Android (android.graphics.Color)	<a href="#">4293496150</a> ( <a href="#">0xFFE98D56</a> )
YUV	<a href="#">162.2380, -37.5853, 62.0583</a>
Hunter-Lab	<a href="#">60.8648, 24.8988, 29.3642</a>

# Details

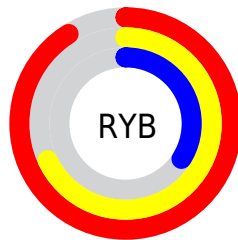
The Hex color **E98D56** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **56B2E9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC389**, and **AD5A26** is the 20% darker color. If you saturate the color by 10%, you get **E97E3F**, and if you desaturate by 10%, it is **E99C6D**.

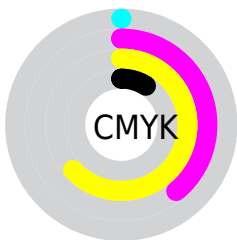
# Distribution



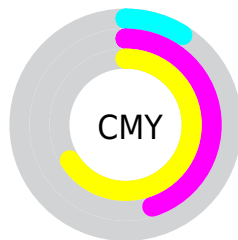
- Red (91%)
- Green (55%)
- Blue (34%)



- Red (91%)
- Yellow (68%)
- Blue (34%)



- Cyan (0%)
- Magenta (39%)
- Yellow (63%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E98D56 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 E98D56 by changing the saturation by 10% instead.



 E98D56

 E98D56

FFFFFF

 CB733E

 FFC389

 AD5A26

 FFDFA4

 8F410C

 FFFCBF

 722A00

 FFFFDC

 561200

 FFFFF8

 3A0000

 200001

 000000

 E98D56

 E98D56

 E97E3F

 E99C6D

 E97027

 E9AA85

 E96110

 E9B99C

 E95700

 E9C7B3

 E9D6CB

 E9E4E2

 E9F3F9

 E9FFFF

# Harmonies

## Analogous

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



FC7E7D



E98D56



C59F41

# Triad

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



E98D56



00BB9B



9B9AFA

# Complementary

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



E98D56



56B2E9

# 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.



24ABFF



E98D56



00BBCC

# Square

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



E98D56



5BB76C



00B6F2



D887DB

# Rectangle

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



E98D56



A7A943



00B6F2



7FA0FF

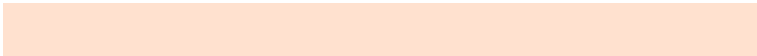


# Sweetspot

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



E98D56



FFE1CF



E956B3



806D62



000000



808080



# Same Dimension

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



E98D56



FF863D



E9D556



756E6A



B54400



361400



# Inverse Universe

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



56B2E9



3DB6FF



566AE9



6A7175



0071B5



002236



# Previews

## White Background



This preview shows how the Hex color E98D56 looks on a white background.

## Color Contrast Check

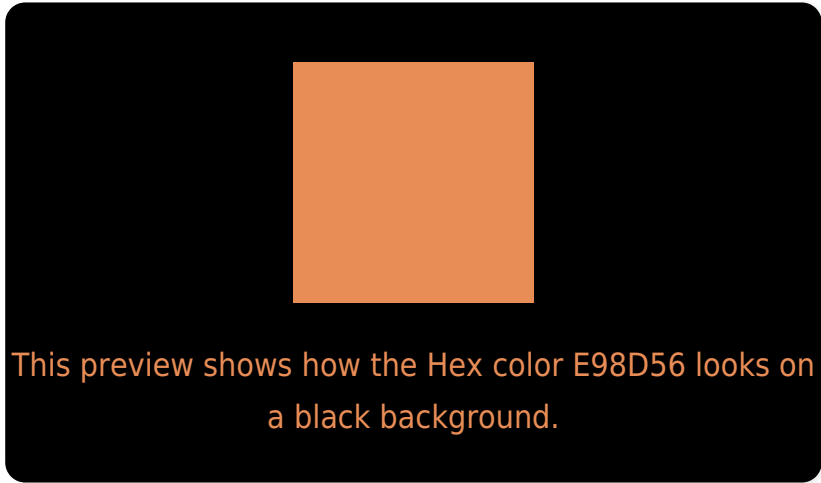
Large Text (above 18pt) WCAG AA × Fail

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

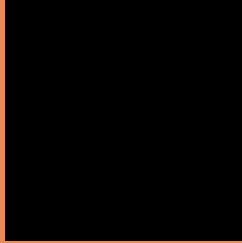
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E98D56 Background



This preview shows how black text looks on a background with the Hex color E98D56.

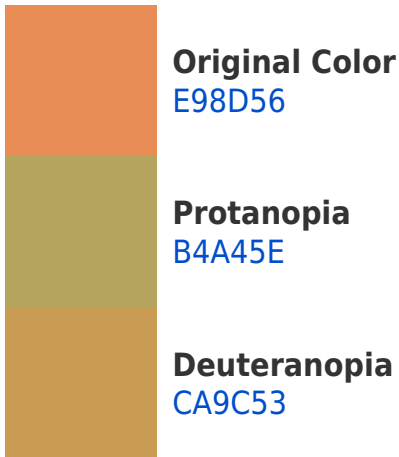


This preview shows how white text looks on a background with the Hex color E98D56.

# 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](#).

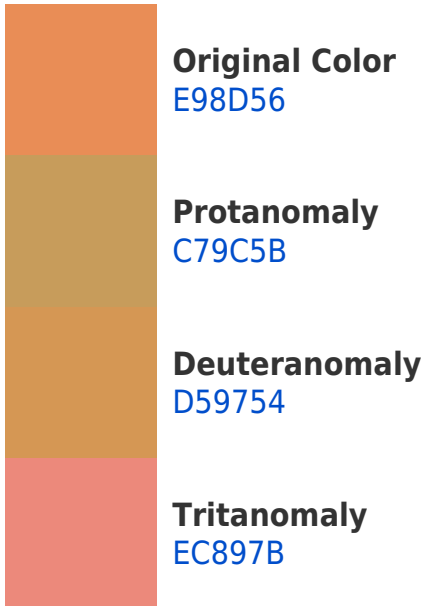
## Dichromacy





**Tritanopia**  
ED8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E98D56 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 #E98D56 looks like.

```
.text, #text, p{  
    color:#E98D56  
}
```

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 #E98D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E98D56
}
```

## Border

The CSS property to change the border of an element to Hex E98D56 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
#E98D56 }
```

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

```
.border{ border-color:#E98D56 }
```

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

Here you see how a box with a 4 pixel #E98D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E98D56; -webkit-box-shadow:4px 4px  
4px 4px #E98D56; box-shadow:4px 4px 4px  
4px #E98D56 }
```

# Background

The CSS property to change the background color of an element to Hex E98D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E98D56 }
```

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

```
.background{ background-color:#E98D56 }
```

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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