

Converting Colors

Hex(E98246)

Have a look what the booklet for
Hex(E98246) contains.

Hex(E98246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E98246)

Conversions

Conversions Part 1

Format	Color
Hex	E98246
RGB	233, 130, 70
RGB Percent	91%, 51%, 27%
CMY	0.0863, 0.4902, 0.7255
CMYK	0.00, 0.44, 0.70, 0.09
HSL	22°, 79%, 59%
HSV	22°, 70%, 91%
XYZ	42.6924, 33.7311, 10.0550
YIQ	153.9570, 80.6480, 3.1760

Conversions

Conversions Part 2

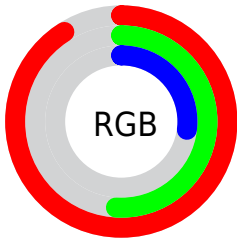
Format	Color
RYB	233, 165, 70
Decimal	15303238
CIELab	64.75, 34.87, 48.82
CIElCh	65, 59.993, 54.468
Yxy	33.7311, 0.4937, 0.3901
Android (android.graphics.Color)	4293493318 (0xFFE98246)
YUV	153.9570, -41.3908, 69.3207
Hunter-Lab	58.0785, 29.5746, 30.3902

Details

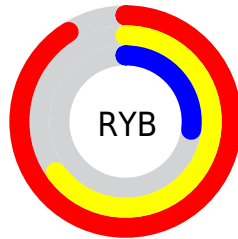
The Hex color **E98246** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **46ADE9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB879**, and **AC4F14** is the 20% darker color. If you saturate the color by 10%, you get **E9732F**, and if you desaturate by 10%, it is **E9915D**.

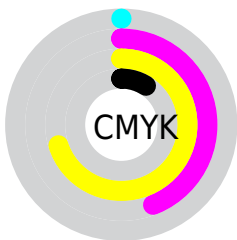
Distribution



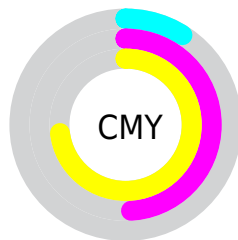
- Red (91%)
- Green (51%)
- Blue (27%)



- Red (91%)
- Yellow (65%)
- Blue (27%)



- Cyan (0%)
- Magenta (44%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E98246 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 E98246 by changing the saturation by 10% instead.

 E98246

 E98246

FFFFFF

 CA682D

 FFB879

 AC4F14

 FFD493

 8E3600

 FFF1AE

 701D00

 FFFFCA

 530100

 FFFF E7

 380000

 190001

 000000

 E98246

 E98246

 E9732F

 E9915D

 E96517

 E99F75

 E95600

 E9AE8C

 E9BDA3

 E9CCBB

 E9DAD2

 E9E9E9

 E9F8FF

 E9FFFF

Harmonies

Analogous

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



FE6F74



E98246



C29729

Triad

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



E98246



00B691



8D93FF

Complementary

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



E98246



46ADE9

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.



00A6FF



E98246



00B7C8

Square

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



E98246



48B15C



00B2F4



D57CDC

Rectangle

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



E98246



A1A22B



00B2F4



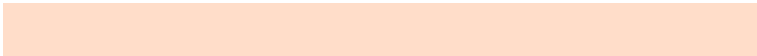
689AFF

Sweetspot

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



E98246



FFDDC9



E946AD



806B60



000000



808080

Same Dimension

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



E98246



FF7829



E9D346



756E6A



B54300



361400

Inverse Universe

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



46ADE9



29B0FF



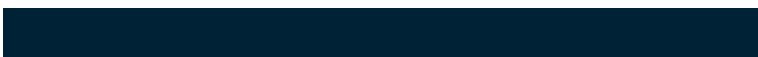
465CE9



6A7175



0072B5



002236

Previews

White Background



This preview shows how the Hex color E98246 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

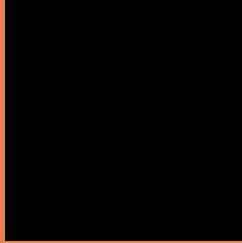
Any Text WCAG AA ✓ Pass

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 E98246 Background



This preview shows how black text looks on a background with the Hex color E98246.



This preview shows how white text looks on a background with the Hex color E98246.

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
E98246

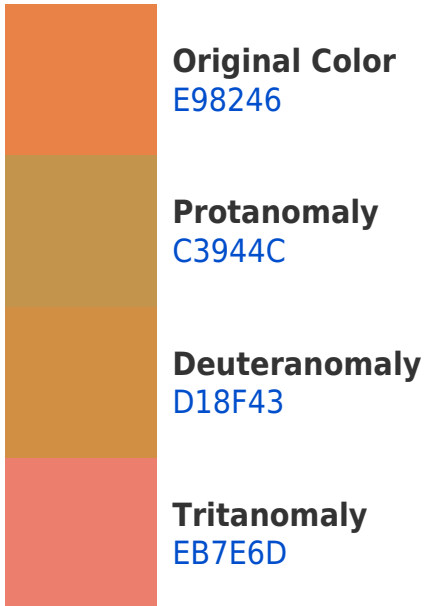
Protanopia
AE9E4F

Deuteranopia
C49641

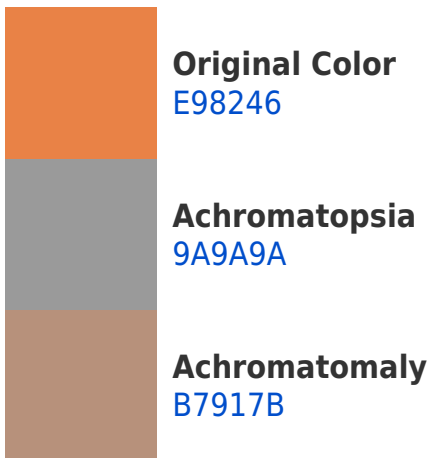


Tritanopia
EC7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E98246 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 #E98246 looks like.

```
.text, #text, p{  
    color:#E98246  
}
```

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 #E98246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E98246
}
```

Border

The CSS property to change the border of an element to Hex E98246 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
#E98246 }
```

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

```
.border{ border-color:#E98246 }
```

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

Here you see how a box with a 4 pixel #E98246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E98246; -webkit-box-shadow:4px 4px  
4px 4px #E98246; box-shadow:4px 4px 4px  
4px #E98246 }
```

Background

The CSS property to change the background color of an element to Hex E98246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E98246 }
```

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

```
.background{ background-color:#E98246 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor