

# Converting Colors

Hex(E99880)

Have a look what the booklet for  
Hex(E99880) contains.

<b>Hex(E99880)</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(E99880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E99880
RGB	233, 152, 128
RGB Percent	91%, 60%, 50%
CMY	0.0863, 0.4039, 0.4980
CMYK	0.00, 0.35, 0.45, 0.09
HSL	14°, 70%, 71%
HSV	14°, 45%, 91%
XYZ	48.7288, 41.3386, 25.8329
YIQ	173.4830, 55.9800, 9.7080

# Conversions

## Conversions Part 2

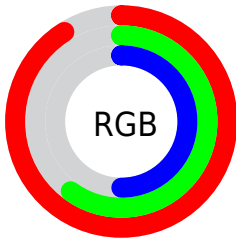
Format	Color
R <sub>Y</sub> B	233, 159, 128
Decimal	15308928
CIE Lab	70.41, 27.71, 25.17
CIE LCh	70, 37.437, 42.255
Yxy	41.3386, 0.4204, 0.3567
Android (android.graphics.Color)	4293499008 (0xFFE99880)
YUV	173.4830, -22.4231, 52.1964
Hunter-Lab	64.2951, 22.7674, 21.1846

# Details

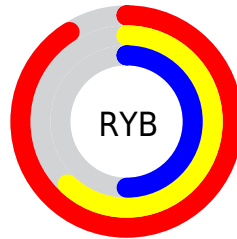
The Hex color **E99880** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80D1E9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCFB5**, and **AE644F** is the 20% darker color. If you saturate the color by 10%, you get **E98669**, and if you desaturate by 10%, it is **E9AA97**.

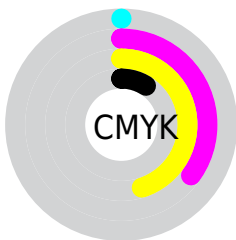
# Distribution



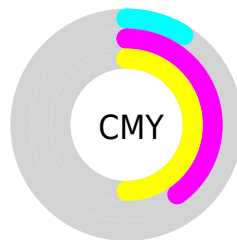
- Red (91%)
- Green (60%)
- Blue (50%)



- Red (91%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (45%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E99880 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 E99880 by changing the saturation by 10% instead.



 E99880

 E99880

FFFFFF

 CB7E67

 FFCFB5

 AE644F

 FFEBD1

 924C37

 FFFFED

 763422

 5B1C0C

 400400

 290001

 000000

 E99880

 E99880

 E98669

 E9AA97

 E97451

 E9BCAF

 E9623A

 E9CEC6

 E95023

 E9E0DD

 E93E0C

 E9F2F4

 E93500

 E9FFFF

# Harmonies

## Analogous

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



EF929F



E99880



D4A36C

# Triad

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



E99880



65BD96



92ABEE

# Complementary

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



E99880



80D1E9

# 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.



58B5EC



E99880



35BFB9

# Square

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



E99880



8FB879



22BCD9



C29EDF

# Rectangle

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



E99880



C0AB68



22BCD9



7FAFF0

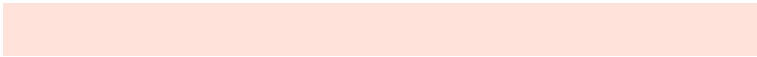


# Sweetspot

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



E99880



FFE3DB



E980D2



806F6A



000000



808080



# Same Dimension

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



E99880



FF9575



E9CB80



756C6A



B52900



360C00



# Inverse Universe

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



80D1E9



75E0FF



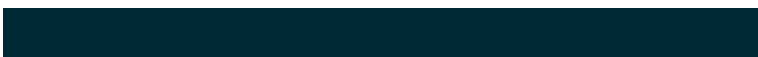
809EE9



6A7375



008CB5



002936



# Previews

## White Background



This preview shows how the Hex color E99880 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

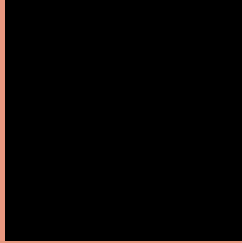
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E99880 Background



This preview shows how black text looks on a background with the Hex color E99880.

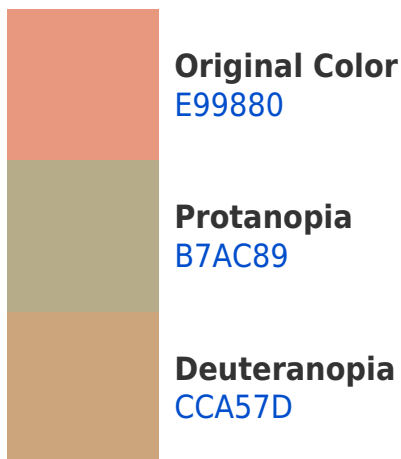



This preview shows how white text looks on a background with the Hex color E99880.

# 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**  
EC949F

# Trichromacy



**Original Color**  
E99880

**Protanomaly**  
C9A586

**Deuteranomaly**  
D7A07E

**Tritanomaly**  
EB9594

# Monochromacy



**Original Color**  
E99880

**Achromatopsia**  
ADADAD

**Achromatomaly**  
C3A59D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E99880 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 #E99880 looks like.

```
.text, #text, p{  
    color:#E99880  
}
```

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 #E99880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E99880
}
```

## Border

The CSS property to change the border of an element to Hex E99880 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
#E99880 }
```

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

```
.border{ border-color:#E99880 }
```

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

Here you see how a box with a 4 pixel #E99880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E99880; -webkit-box-shadow:4px 4px  
4px 4px #E99880; box-shadow:4px 4px 4px  
4px #E99880 }
```

# Background

The CSS property to change the background color of an element to Hex E99880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E99880 }
```

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

```
.background{ background-color:#E99880 }
```

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