

# Converting Colors

Hex(E39888)

Have a look what the booklet for  
Hex(E39888) contains.

<b>Hex(E39888)</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(E39888)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E39888
RGB	227, 152, 136
RGB Percent	89%, 60%, 53%
CMY	0.1098, 0.4039, 0.4667
CMYK	0.00, 0.33, 0.40, 0.11
HSL	11°, 62%, 71%
HSV	11°, 40%, 89%
XYZ	47.3507, 40.5649, 28.6267
YIQ	172.6010, 49.8360, 10.9240

# Conversions

## Conversions Part 2

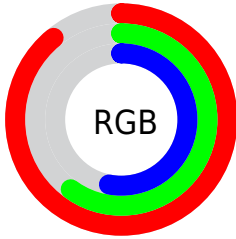
Format	Color
R <sub>Y</sub> B	227, 155, 136
Decimal	14915720
CIE Lab	69.87, 26.24, 19.93
CIE LCh	70, 32.948, 37.214
Yxy	40.5649, 0.4063, 0.3481
Android (android.graphics.Color)	4293105800 (0xFFE39888)
YUV	172.6010, -18.0443, 47.7079
Hunter-Lab	63.6906, 21.2471, 17.9346

# Details

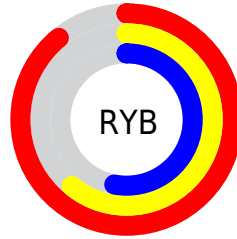
The Hex color **E39888** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88D3E3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFCFBD**, and **A96456** is the 20% darker color. If you saturate the color by 10%, you get **E38571**, and if you desaturate by 10%, it is **E3AB9F**.

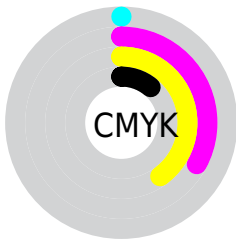
# Distribution



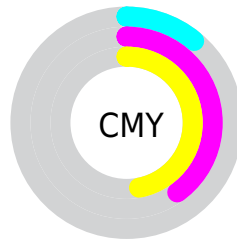
- Red (89%)
- Green (60%)
- Blue (53%)



- Red (89%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E39888 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 E39888 by changing the saturation by 10% instead.



 E39888

 E39888

FFFFFF

 C67E6F

 FFCFBD

 A96456

 FFEBD9

 8D4C3F

 FFFFF6

 723429

 571D14

 3D0500

 270001

 000000

 E39888

 E39888

 E38571

 E3AB9F

 E3735B

 E3BDB5

 E36044

 E3D0CC

 E34D2D

 E3E3E3

 E33A16

 E3F6FA

 E32800

 E3FFFF

# Harmonies

## Analogous

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



E594A4



E39888



D3A174

# Triad

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



E39888



74B993



8DABE6

# Complementary

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



E39888



88D3E3

# 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.



5FB4E1



E39888



52BBB1

# Square

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



E39888



98B47A



43B9CE



B8A0DA

# Rectangle

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



E39888



C2A86F



43B9CE



7EAEE6

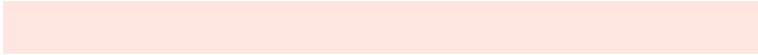


# Sweetspot

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



E39888



FFE6E0



E388D4



80716E



000000



808080



# Same Dimension

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



E39888



FF9A85



E3C588



736967



B31F00



330900

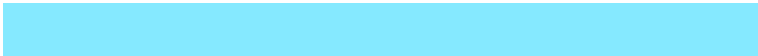


# Inverse Universe

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



88D3E3



85E9FF



88A6E3



677173



0093B3



002A33



# Previews

## White Background



This preview shows how the Hex color E39888 looks on a white background.

## Color Contrast Check

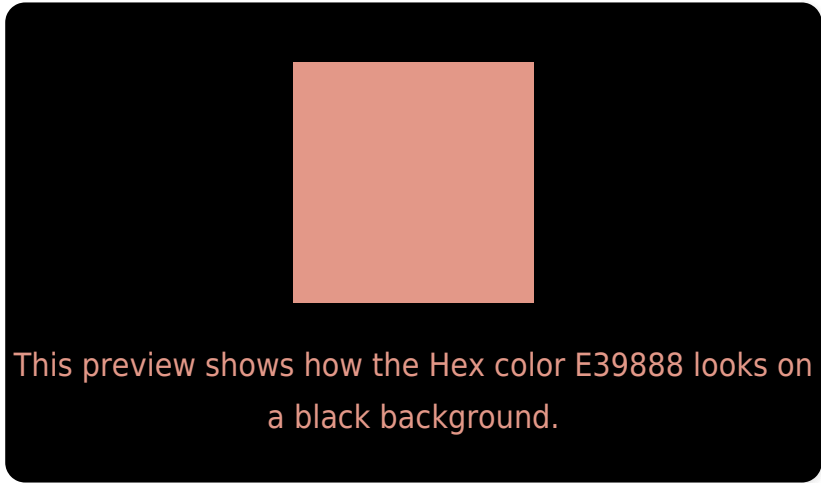
Large Text (above 18pt) WCAG AA × Fail

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 E39888 Background



This preview shows how black text looks on a background with the Hex color E39888.

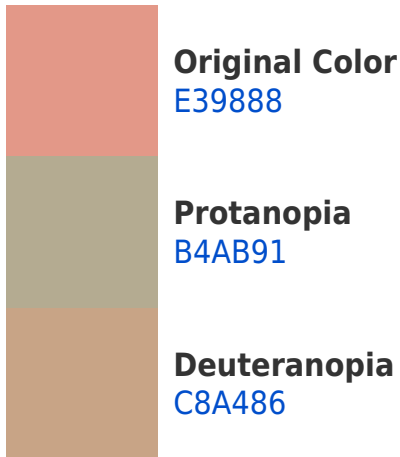


This preview shows how white text looks on a background with the Hex color E39888.

# 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**  
E595A0

# Trichromacy



**Original Color**  
E39888

**Protanomaly**  
C5A48E

**Deuteranomaly**  
D2A087

**Tritanomaly**  
E49697

# Monochromacy



**Original Color**  
E39888

**Achromatopsia**  
ADADAD

**Achromatomaly**  
C1A5A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E39888 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 #E39888 looks like.

```
.text, #text, p{  
    color:#E39888  
}
```

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 #E39888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E39888
}
```

## Border

The CSS property to change the border of an element to Hex E39888 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
#E39888 }
```

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

```
.border{ border-color:#E39888 }
```

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

Here you see how a box with a 4 pixel #E39888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E39888; -webkit-box-shadow:4px 4px  
4px 4px #E39888; box-shadow:4px 4px 4px  
4px #E39888 }
```

# Background

The CSS property to change the background color of an element to Hex E39888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E39888 }
```

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

```
.background{ background-color:#E39888 }
```

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