

# Converting Colors

Hex(E39696)

Have a look what the booklet for  
Hex(E39696) contains.

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# **Color**

**Hex(E39696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E39696
RGB	227, 150, 150
RGB Percent	89%, 59%, 59%
CMY	0.1098, 0.4118, 0.4118
CMYK	0.00, 0.34, 0.34, 0.11
HSL	0°, 58%, 74%
HSV	0°, 34%, 89%
XYZ	48.0899, 40.3456, 34.1070
YIQ	173.0230, 45.8920, 16.3240

# Conversions

## Conversions Part 2

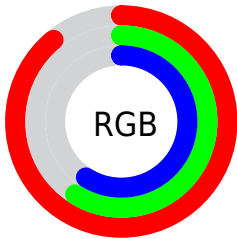
Format	Color
R <sub>Y</sub> B	227, 150, 150
Decimal	14915222
CIE Lab	69.71, 28.96, 11.96
CIE LCh	70, 31.331, 22.433
Yxy	40.3456, 0.3924, 0.3292
Android (android.graphics.Color)	4293105302 (0xFFE39696)
YUV	173.0230, -11.3503, 47.3378
Hunter-Lab	63.5182, 23.9864, 12.6261

# Details

The Hex color **E39696** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **96E3E3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFCDCC**, and **AA6263** is the 20% darker color. If you saturate the color by 10%, you get **E37F7F**, and if you desaturate by 10%, it is **E3ADAD**.

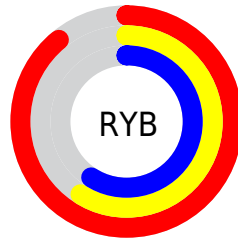
# Distribution



Red (89%)

Green (59%)

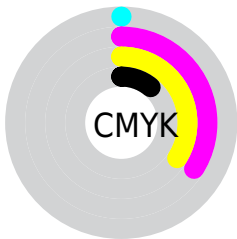
Blue (59%)



Red (89%)

Yellow (59%)

Blue (59%)

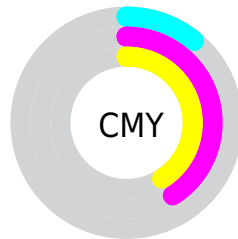


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (11%)



Cyan (11%)

Magenta (41%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E39696 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 E39696 by changing the saturation by 10% instead.



 E39696

 E39696

FFFFFF

 C67C7C

 FFCDCC

 AA6263

 FFE9E8

 8E4A4B

 733235

 581A20

 3E0108

 290001

 000000

 E39696

 E39696

 E37F7F

 E3ADAD

 E36969

 E3C3C3

 E35252

 E3DADA

 E33B3B

 E3F1F1

 E32525

 E3FFFF

 E30E0E

 E30000

# Harmonies

## Analogous

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



DD96B3



E39696



DA9D7E

# Triad

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



E39696



87B687



7AAFE2

# Complementary

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



E39696



96E3E3

# 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.



55B6D6



E39696



66B9A2

# Square

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



E39696



A8AF75



4EBABF



A4A6DF

# Rectangle

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



E39696



CDA375



4EBABF



6CB2E0

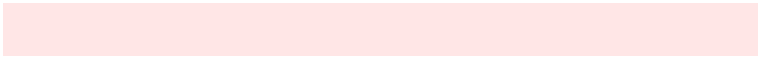


# Sweetspot

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



E39696



FFE6E6



E396E3



807070



000000



808080



# Same Dimension

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



E39696



FF9696



E3BC96



736767



B30000



330000



# Inverse Universe

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



96E3E3



96FFFF



96BCE3



677373



00B3B3



003333



# Previews

## White Background



This preview shows how the Hex color E39696 looks on a white background.

## Color Contrast Check

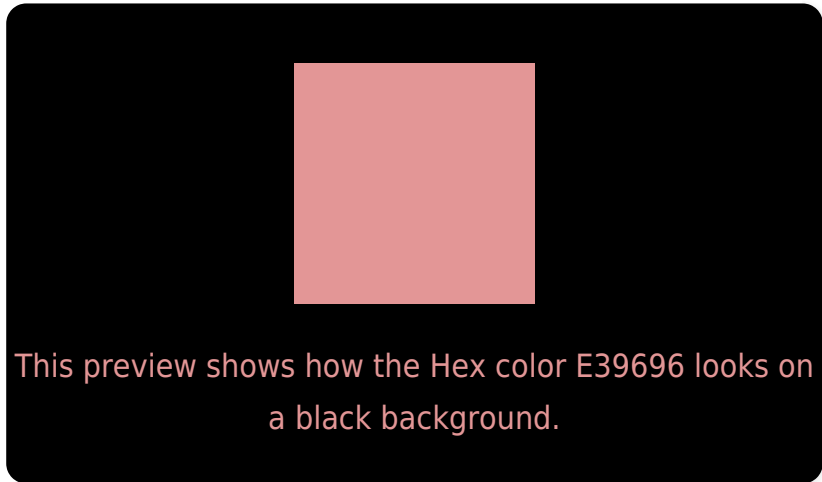
Large Text (above 18pt) WCAG AA × Fail

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 E39696 Background



This preview shows how black text looks on a background with the Hex color E39696.

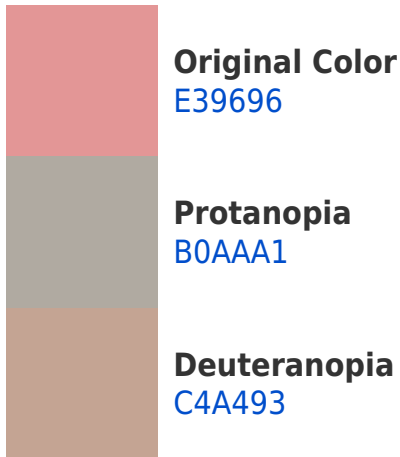


This preview shows how white text looks on a background with the Hex color E39696.

# 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**  
E494A0

# Trichromacy



**Original Color**  
E39696

**Protanomaly**  
C3A39D

**Deuteranomaly**  
CF9F94

**Tritanomaly**  
E4959C

# Monochromacy



**Original Color**  
E39696

**Achromatopsia**  
ADADAD

**Achromatomaly**  
C1A5A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E39696 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 #E39696 looks like.

```
.text, #text, p{  
    color:#E39696  
}
```

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 #E39696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E39696
}
```

## Border

The CSS property to change the border of an element to Hex E39696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

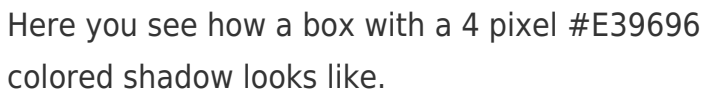
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E39696 }
```

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

```
.border{ border-color:#E39696 }
```

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



Here you see how a box with a 4 pixel `#E39696` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E39696; -webkit-box-shadow:4px 4px  
4px 4px #E39696; box-shadow:4px 4px 4px  
4px #E39696 }
```

# Background

The CSS property to change the background color of an element to Hex E39696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E39696 }
```

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

```
.background{ background-color:#E39696 }
```

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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