

# Converting Colors

Hex(C39FAE)

Have a look what the booklet for  
Hex(C39FAE) contains.

<b>Hex(C39FAE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C39FAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C39FAE
RGB	195, 159, 174
RGB Percent	76%, 62%, 68%
CMY	0.2353, 0.3765, 0.3176
CMYK	0.00, 0.18, 0.11, 0.24
HSL	335°, 23%, 69%
HSV	335°, 18%, 76%
XYZ	42.5438, 39.4544, 45.4176
YIQ	171.4740, 16.6410, 12.2970

# Conversions

## Conversions Part 2

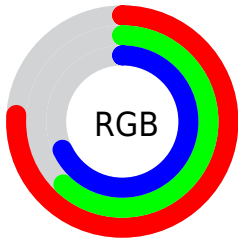
Format	Color
<b>RYB</b>	195, 159, 174
Decimal	12820398
CIELab	69.08, 15.75, -2.75
CIElCh	69, 15.992, 350.111
Yxy	39.4544, 0.3339, 0.3097
Android (android.graphics.Color)	4291010478 (0xFFC39FAE)
YUV	171.4740, 1.2453, 20.6323
Hunter-Lab	62.8127, 10.9779, 1.0985

# Details

The Hex color **C39FAE** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9FC3B4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FCD6E5**, and **8D6B7A** is the 20% darker color. If you saturate the color by 10%, you get **C38CA3**, and if you desaturate by 10%, it is **C3B3B9**.

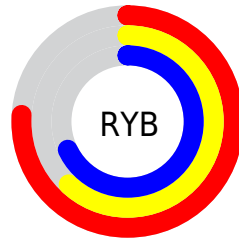
# Distribution



Red (76%)

Green (62%)

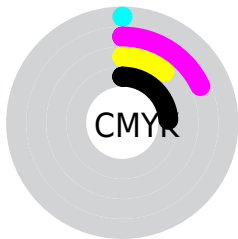
Blue (68%)



Red (76%)

Yellow (62%)

Blue (68%)

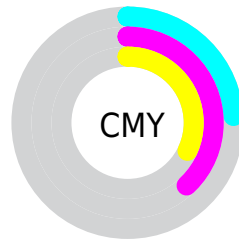


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C39FAE 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 C39FAE by changing the saturation by 10% instead.



 C39FAE

 C39FAE

FFFFFF

 A88593

 FCD6E5

 8D6B7A

 FFF2FF

 735361

 5A3C49

 422633

 2C111E

 180003

 000000

 C39FAE

 C39FAE

 C38CA3

 C3B3B9

 C37897

 C3C6C5

 C3658C

 C3DAD0

 C35180

 C3EDDC

 C33E75

 C3FFE7

 C32A6A

 C3FFF2

 C3175E

 C3FFFE

 C30353

 C3FFFF

 C30051

# Harmonies

## Analogous

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



B7A2BB



C39FAE



C79F9F

# Triad

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



C39FAE



AAAB8D



86AFBE

# Complementary

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



C39FAE



9FC3B4

# 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.



83B1B2



C39FAE



99AF96

# Square

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



C39FAE



B9A68C



8BB1A3



93ABC5

# Rectangle

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



C39FAE



C6A097



8BB1A3



83B0BB



# Sweetspot

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



C39FAE



FCEDF4



B49FC3



80777A



000000



808080



# Same Dimension

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



C39FAE



FCC5DC



C3A29F



61575B



A10043



21000E



# Inverse Universe

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



C39FAE



FCC5DC



9FC0C3



61575B



A10043

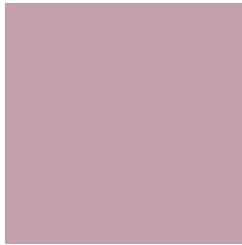


21000E



# Previews

## White Background



This preview shows how the Hex color C39FAE looks on a white background.

## Color Contrast Check

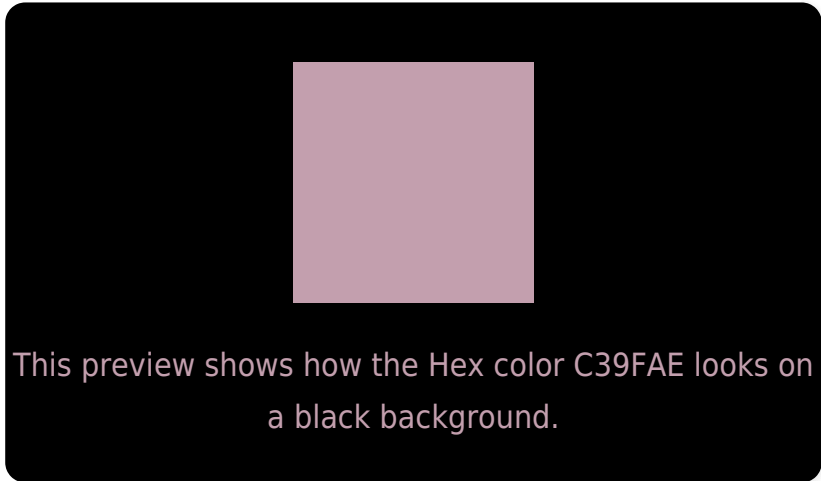
Large Text (above 18pt) WCAG AA × Fail

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

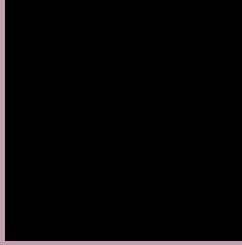
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C39FAE Background



This preview shows how black text looks on a background with the Hex color C39FAE.



This preview shows how white text looks on a background with the Hex color C39FAE.

# 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**  
C39FAE

**Protanopia**  
A9A8B3

**Deuteranopia**  
B7A4AD



# Trichromacy



**Original Color**  
C39FAE

**Protanomaly**  
B2A5B1

**Deuteranomaly**  
BBA2AD

**Tritanomaly**  
C39FAD

# Monochromacy



**Original Color**  
C39FAE

**Achromatopsia**  
ABABAB

**Achromatomaly**  
B4A7AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C39FAE 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 #C39FAE looks like.

```
.text, #text, p{  
    color:#C39FAE  
}
```

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 #C39FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C39FAE
}
```

## Border

The CSS property to change the border of an element to Hex C39FAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

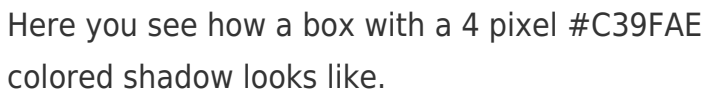
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C39FAE }
```

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

```
.border{ border-color:#C39FAE }
```

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



Here you see how a box with a 4 pixel #C39FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C39FAE; -webkit-box-shadow:4px 4px  
4px 4px #C39FAE; box-shadow:4px 4px 4px  
4px #C39FAE }
```

# Background

The CSS property to change the background color of an element to Hex C39FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C39FAE }
```

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

```
.background{ background-color:#C39FAE }
```

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