

# Converting Colors

Hex(CCA399)

Have a look what the booklet for  
Hex(CCA399) contains.

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# **Color**

**Hex(CCA399)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCA399
RGB	204, 163, 153
RGB Percent	80%, 64%, 60%
CMY	0.2000, 0.3608, 0.4000
CMYK	0.00, 0.20, 0.25, 0.20
HSL	12°, 33%, 70%
HSV	12°, 25%, 80%
XYZ	43.7488, 41.3317, 35.8090
YIQ	174.1190, 27.6460, 5.5820

# Conversions

## Conversions Part 2

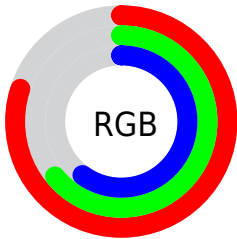
Format	Color
<a href="#">RYB</a>	<a href="#">204, 165, 153</a>
Decimal	<a href="#">13411225</a>
<a href="#">CIE Lab</a>	<a href="#">70.41, 13.61, 10.93</a>
<a href="#">CIE LCh</a>	<a href="#">70, 17.450, 38.771</a>
<a href="#">Yxy</a>	<a href="#">41.3317, 0.3619, 0.3419</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291601305 (0xFFCCA399)</a>
<a href="#">YUV</a>	<a href="#">174.1190, -10.4117, 26.2056</a>
<a href="#">Hunter-Lab</a>	<a href="#">64.2897, 8.9613, 11.9786</a>

# Details

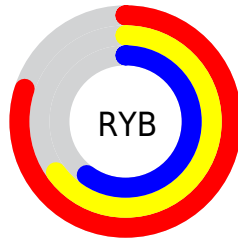
The Hex color **CCA399** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **99C2CC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDACF**, and **956F66** is the 20% darker color. If you saturate the color by 10%, you get **CC9385**, and if you desaturate by 10%, it is **CCB3AD**.

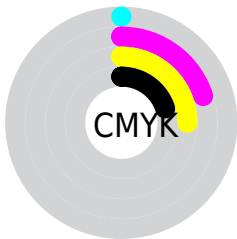
# Distribution



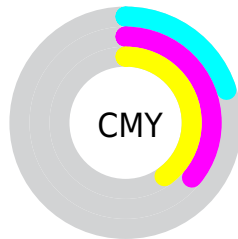
- Red (80%)
- Green (64%)
- Blue (60%)



- Red (80%)
- Yellow (65%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (36%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCA399 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 CCA399 by changing the saturation by 10% instead.



 CCA399

 CCA399

FFFFFF

 B0897F

 FFDACF


 956F66

 FFF6EC

 7B574E

 613F37

 482922

 31140C

 1C0000

 000000

 CCA399

 CCA399

 CC9385

 CCB3AD

 CC8270

 CCC4C2

 CC725C

 CCD4D6

 CC6147

 CCE5EB

 CC5133

 CCF5FF

 CC411F

 CCFFFF

 CC300A

 CC2800

# Harmonies

## Analogous

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



CDA1A8



CCA399



C3A78F

# Triad

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



CCA399



91B4A0



A0ACCB

# Complementary

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



CCA399



99C2CC

# 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.



8DB1C9



CCA399



84B5B0

# Square

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



CCA399



A2B193



83B4BF



B5A7C5

# Rectangle

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



CCA399



B9AB8D



83B4BF



9AAECC

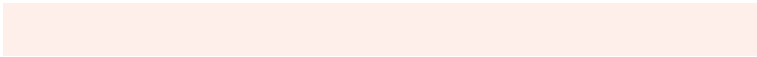


# Sweetspot

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



CCA399



FFEFE8



CC99C3



807573



000000



808080



# Same Dimension

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



CCA399



FFC2B3



CCBC99



665E5C



A62000



260700

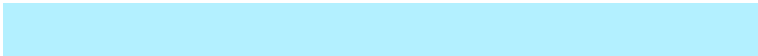


# Inverse Universe

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



99C2CC



B3F0FF



99A9CC



5C6466



0085A6

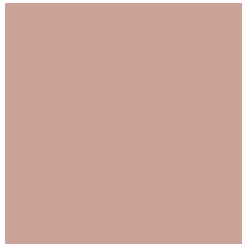


001F26



# Previews

## White Background



This preview shows how the Hex color CCA399 looks on a white background.

## Color Contrast Check

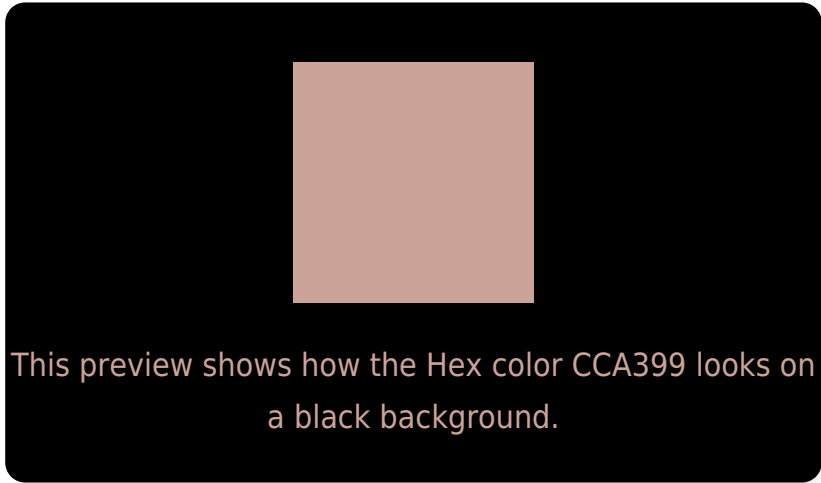
Large Text (above 18pt) WCAG AA × Fail

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

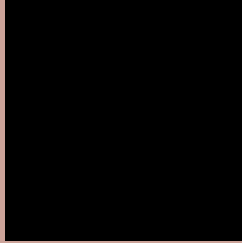
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCA399 Background



This preview shows how black text looks on a background with the Hex color CCA399.

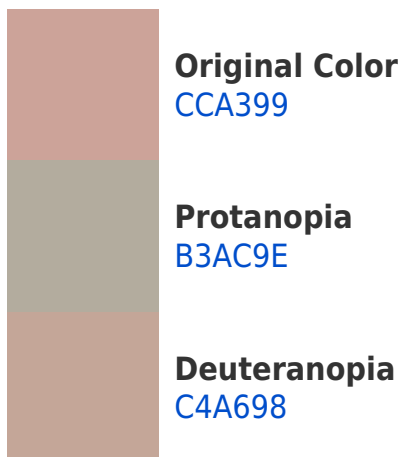


This preview shows how white text looks on a background with the Hex color CCA399.

# Color Blindness Simulation

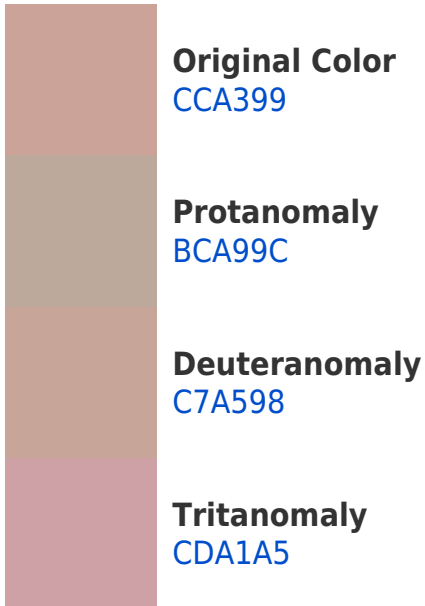
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

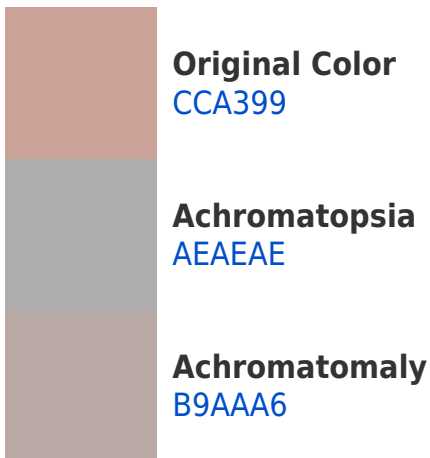




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCA399 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 #CCA399 looks like.

```
.text, #text, p{  
    color:#CCA399  
}
```

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 #CCA399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA399
}
```

## Border

The CSS property to change the border of an element to Hex CCA399 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
#CCA399 }
```

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

```
.border{ border-color:#CCA399 }
```

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

Here you see how a box with a 4 pixel #CCA399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA399; -webkit-box-shadow:4px 4px  
4px 4px #CCA399; box-shadow:4px 4px 4px  
4px #CCA399 }
```

# Background

The CSS property to change the background color of an element to Hex CCA399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA399 }
```

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

```
.background{ background-color:#CCA399 }
```

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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