

# Converting Colors

Hex(34CAAE)

Have a look what the booklet for  
Hex(34CAAE) contains.

<b>Hex(34CAAE)</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(34CAAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34CAAE
RGB	52, 202, 174
RGB Percent	20%, 79%, 68%
CMY	0.7961, 0.2078, 0.3176
CMYK	0.74, 0.00, 0.14, 0.21
HSL	169°, 59%, 50%
HSV	169°, 74%, 79%
XYZ	30.1767, 46.0271, 47.3380
YIQ	153.9580, -80.4120, -40.5080

# Conversions

## Conversions Part 2

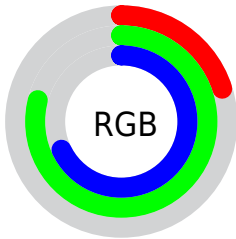
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 135, 202
Decimal	3459758
CIELab	73.56, -44.95, 2.91
CIELCh	74, 45.042, 176.299
Yxy	46.0271, 0.2443, 0.3726
Android (android.graphics.Color)	4281649838 (0xFF34CAAE)
YUV	153.9580, 9.8807, -89.4172
Hunter-Lab	67.8433, -39.3290, 6.1204

# Details

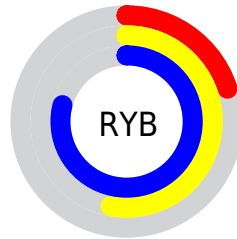
The Hex color **34CAAE** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CA3450**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **79FFE5**, and **00937A** is the 20% darker color. If you saturate the color by 10%, you get **20CAAA**, and if you desaturate by 10%, it is **48CAB2**.

# Distribution



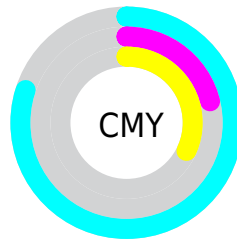
- Red (20%)
- Green (79%)
- Blue (68%)



- Red (20%)
- Yellow (53%)
- Blue (79%)



- Cyan (74%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (80%)
- Magenta (21%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34CAAE 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 34CAAE by changing the saturation by 10% instead.





34CAAE



34CAAE

FFFFFF



00AE93



79FFE5



00937A



98FFFF



007961



B6FFFF



005F49



D4FFFF



004633



F3FFFF



002F1E



001505



000000



34CAAE



34CAAE

■ 20CAA

■ 48CAB2

■ 0CCAA6

■ 5CCAB6

■ 00CAA4

■ 71CAB9

■ 85CABD

■ 99CAC1

■ ADCAC5

■ C1CAC8

■ D6CACC

■ EACAD0

# Harmonies

## Analogous

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



78C685



34CAAE



00CAD8

# Triad

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



34CAAE



B1ACFF



F3A271

# Complementary

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



34CAAE



CA3450

# 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.



FF9692



34CAAE



E49DE3

# Square

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



34CAAE



69BAFF



FF94BC



D3B161

# Rectangle

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



34CAAE



00C7EF



FF94BC



FA9D7B

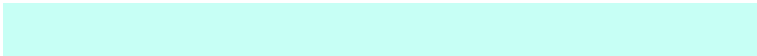


# Sweetspot

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



34CAAE



C7FFF5



52CA34



5E8079



000000



808080



# Same Dimension

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



34CAAE



1CFFD5



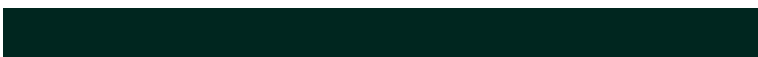
349DCA



5C6664



00A687



00261F



# Inverse Universe

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



CA3450



FF1C46



CA6134



665C5E



A6001F

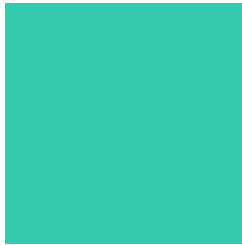


260007



# Previews

## White Background



This preview shows how the Hex color 34CAAE 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



This preview shows how the Hex color 34CAAE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

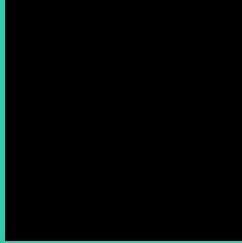
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

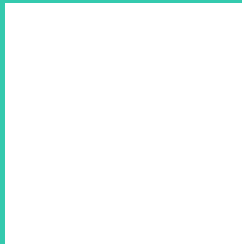
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34CAAE Background



This preview shows how black text looks on a background with the Hex color 34CAAE.



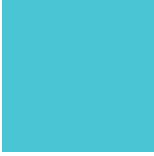
This preview shows how white text looks on a background with the Hex color 34CAAE.

# 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**  
4AC5D4

# Trichromacy



**Original Color**  
34CAAE



**Protanomaly**  
8ABBA6



**Deuteranomaly**  
90B8B2



**Tritanomaly**  
42C7C6

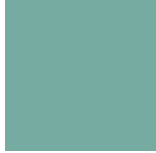
# Monochromacy



**Original Color**  
34CAAE



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
75ABA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34CAAE 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 #34CAAE looks like.

```
.text, #text, p{  
    color:#34CAAE  
}
```

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 #34CAAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34CAAE
}
```

## Border

The CSS property to change the border of an element to Hex 34CAAE 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
#34CAAE }
```

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

```
.border{ border-color:#34CAAE }
```

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

Here you see how a box with a 4 pixel #34CAAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34CAAE; -webkit-box-shadow:4px 4px  
4px 4px #34CAAE; box-shadow:4px 4px 4px  
4px #34CAAE }
```

# Background

The CSS property to change the background color of an element to Hex 34CAAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34CAAE }
```

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

```
.background{ background-color:#34CAAE }
```

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