

# Converting Colors

Hex(34C0A6)

Have a look what the booklet for  
Hex(34C0A6) contains.

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**Color**

**Hex(34C0A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34C0A6
RGB	52, 192, 166
RGB Percent	20%, 75%, 65%
CMY	0.7961, 0.2471, 0.3490
CMYK	0.73, 0.00, 0.14, 0.25
HSL	169°, 57%, 48%
HSV	169°, 73%, 75%
XYZ	27.1487, 41.1825, 42.5945
YIQ	147.1760, -75.0940, -37.7660

# Conversions

## Conversions Part 2

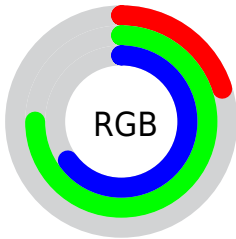
Format	Color
<a href="#">RYB</a>	<a href="#">52, 129, 192</a>
Decimal	<a href="#">3457190</a>
CIELab	<a href="#">70.30, -42.71, 2.53</a>
CIElCh	<a href="#">70, 42.787, 176.614</a>
Yxy	<a href="#">41.1825, 0.2447, 0.3713</a>
Android (android.graphics.Color)	<a href="#">4281647270 (0xFF34C0A6)</a>
YUV	<a href="#">147.1760, 9.2802, -83.4694</a>
Hunter-Lab	<a href="#">64.1736, -36.7891, 5.5684</a>

# Details

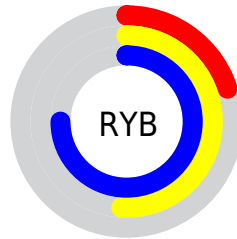
The Hex color **34C0A6** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C0344E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **77F9DD**, and **008A72** is the 20% darker color. If you saturate the color by 10%, you get **21C0A2**, and if you desaturate by 10%, it is **47C0AA**.

# Distribution



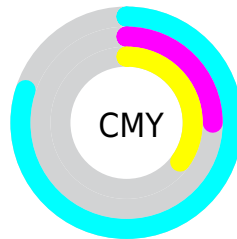
- Red (20%)
- Green (75%)
- Blue (65%)



- Red (20%)
- Yellow (51%)
- Blue (75%)



- Cyan (73%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (80%)
- Magenta (25%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34C0A6 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 34C0A6 by changing the saturation by 10% instead.



 34C0A6

 34C0A6

FFFFFF

 00A48C

 77F9DD

 008A72

 95FFFA

 006F5A

 B3FFFF

 005642

 D1FFFF

 003E2C

 EFFFFFFF

 002918

 000200

 000000

 34C0A6

 34C0A6

■ 21C0A2

■ 47C0AA

■ 0EC09F

■ 5AC0AD

■ 00C09C

■ 6EC0B1

■ 81C0B4

■ 94C0B8

■ A7C0BB

■ BAC0BF

■ CEC0C3

■ E1C0C6

# Harmonies

## Analogous

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



73BC80



34C0A6



00C0CD

# Triad

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



34C0A6



A9A3F1



E69A6C

# Complementary

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



34C0A6



C0344E

# 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.



F68F8B



34C0A6



D895D7

# Square

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



34C0A6



66B1F9



F28DB2



C8A85D

# Rectangle

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



34C0A6



00BDE3



F28DB2



ED9675

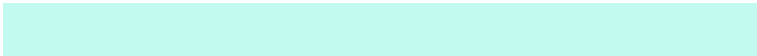


# Sweetspot

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



34C0A6



C3FAF0



50C034



5C7D77



FCFCFC



7D7D7D



# Same Dimension

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



34C0A6



1EFAD1



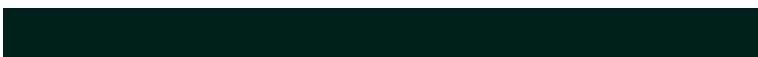
3496C0



57615F



00A183



00211B



# Inverse Universe

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



C0344E



FA1E47



C05E34



615759



A1001E

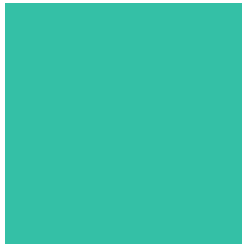


210006



# Previews

## White Background



This preview shows how the Hex color 34C0A6 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 34C0A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

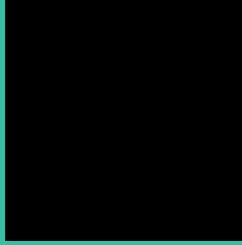
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

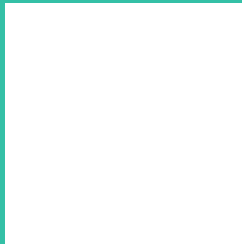
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34C0A6 Background



This preview shows how black text looks on a background with the Hex color 34C0A6.

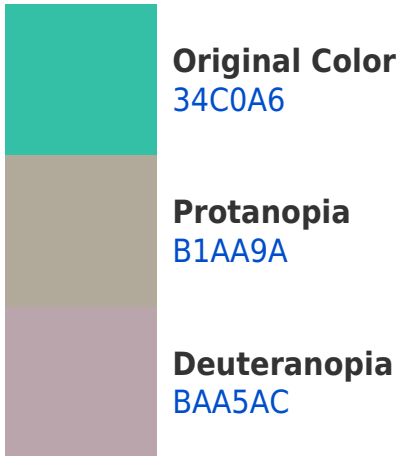


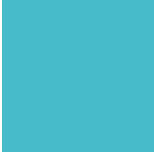
This preview shows how white text looks on a background with the Hex color 34C0A6.

# 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**  
48BBCA

# Trichromacy



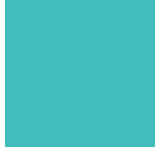
**Original Color**  
34C0A6



**Protanomaly**  
84B29E



**Deuteranomaly**  
89AFAA



**Tritanomaly**  
41BDBD

# Monochromacy



**Original Color**  
34C0A6



**Achromatopsia**  
939393



**Achromatomaly**  
70A39A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34C0A6 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 #34C0A6 looks like.

```
.text, #text, p{  
    color:#34C0A6  
}
```

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 #34C0A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C0A6
}
```

## Border

The CSS property to change the border of an element to Hex 34C0A6 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
#34C0A6 }
```

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

```
.border{ border-color:#34C0A6 }
```

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

Here you see how a box with a 4 pixel #34C0A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C0A6; -webkit-box-shadow:4px 4px  
4px 4px #34C0A6; box-shadow:4px 4px 4px  
4px #34C0A6 }
```

# Background

The CSS property to change the background color of an element to Hex 34C0A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C0A6 }
```

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

```
.background{ background-color:#34C0A6 }
```

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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