

# Converting Colors

Hex(34C2B9)

Have a look what the booklet for  
Hex(34C2B9) contains.

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**Color**

**Hex(34C2B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34C2B9
RGB	52, 194, 185
RGB Percent	20%, 76%, 73%
CMY	0.7961, 0.2392, 0.2745
CMYK	0.73, 0.00, 0.05, 0.24
HSL	176°, 58%, 48%
HSV	176°, 73%, 76%
XYZ	29.4649, 42.8164, 52.6104
YIQ	150.5160, -81.7430, -32.9030

# Conversions

## Conversions Part 2

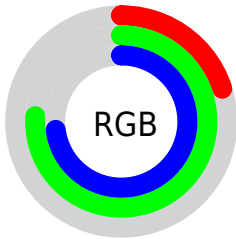
Format	Color
<a href="#">RYB</a>	<a href="#">52, 125, 194</a>
Decimal	<a href="#">3457721</a>
CIELab	<a href="#">71.43, -38.46, -6.20</a>
CIELCh	<a href="#">71, 38.954, 189.156</a>
Yxy	<a href="#">42.8164, 0.2359, 0.3428</a>
Android (android.graphics.Color)	<a href="#">4281647801 (0xFF34C2B9)</a>
YUV	<a href="#">150.5160, 17.0006, -86.3985</a>
Hunter-Lab	<a href="#">65.4343, -34.1318, -1.8663</a>

# Details

The Hex color **34C2B9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C2343D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **78FBF1**, and **008C84** is the 20% darker color. If you saturate the color by 10%, you get **21C2B8**, and if you desaturate by 10%, it is **47C2BA**.

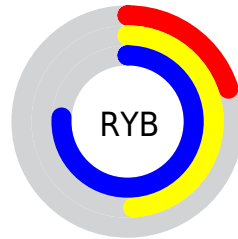
# Distribution



Red (20%)

Green (76%)

Blue (73%)



Red (20%)

Yellow (49%)

Blue (76%)

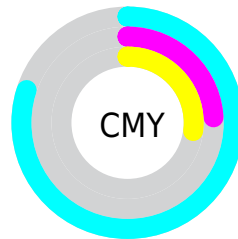


Cyan (73%)

Magenta (0%)

Yellow (5%)

Black (24%)



Cyan (80%)

Magenta (24%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34C2B9 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 34C2B9 by changing the saturation by 10% instead.



 34C2B9

 34C2B9

FFFFFF

 00A69E

 78FBF1

 008C84

 97FFFF

 00726B

 B5FFFF

 005853

 D4FFFF

 00403C

 F2FFFF

 002A26

 000B12

 000000

 34C2B9

 34C2B9

■ 21C2B8

■ 47C2BA

■ 0DC2B7

■ 5BC2BB

■ 00C2B6

■ 6EC2BD

■ 82C2BE

■ 95C2BF

■ A8C2C0

■ BCC2C2

■ CFC2C3

■ E3C2C4

# Harmonies

## Analogous

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



69C094



34C2B9



08C0DB

# Triad

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



34C2B9



C1A2E6



DBA46D

# Complementary

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



34C2B9



C2343D

# 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.



F09984



34C2B9



E497C9

# Square

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



34C2B9



8DAFF5



F493A5



BCB068

# Rectangle

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



34C2B9



37BCEB



F493A5



E4A073

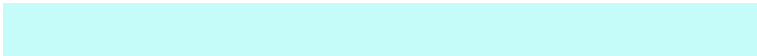


# Sweetspot

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



34C2B9



C5FCF9



3DC234



5E807D



000000



808080



# Same Dimension

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



34C2B9



1EFCEE



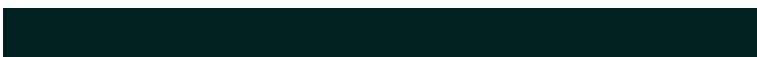
3484C2



576160



00A196



00211F



# Inverse Universe

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



C2343D



FC1E2C



C27234



615758



A1000A

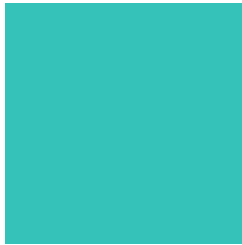


210002



# Previews

## White Background



This preview shows how the Hex color 34C2B9 looks on a white background.

## Color Contrast Check

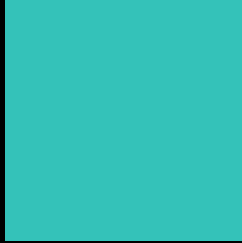
Large Text (above 18pt) WCAG AA × Fail

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 34C2B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

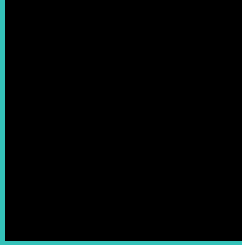
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

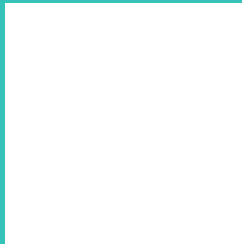
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34C2B9 Background



This preview shows how black text looks on a background with the Hex color 34C2B9.

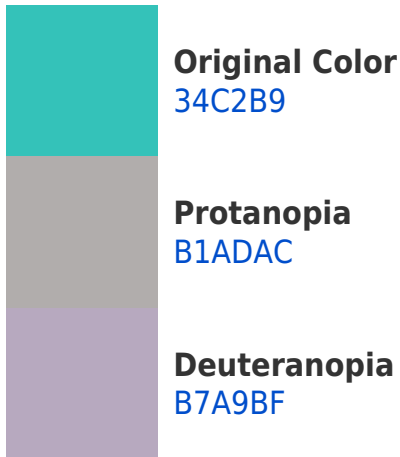


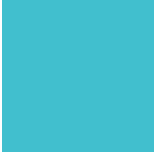
This preview shows how white text looks on a background with the Hex color 34C2B9.

# 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**  
41BFCE

# Trichromacy



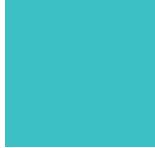
**Original Color**  
34C2B9



**Protanomaly**  
84B5B1



**Deuteranomaly**  
87B2BD



**Tritanomaly**  
3CC0C6

# Monochromacy



**Original Color**  
34C2B9



**Achromatopsia**  
979797



**Achromatomaly**  
73A7A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34C2B9 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 #34C2B9 looks like.

```
.text, #text, p{  
    color:#34C2B9  
}
```

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 #34C2B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C2B9
}
```

## Border

The CSS property to change the border of an element to Hex 34C2B9 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
#34C2B9 }
```

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

```
.border{ border-color:#34C2B9 }
```

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

Here you see how a box with a 4 pixel #34C2B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C2B9; -webkit-box-shadow:4px 4px  
4px 4px #34C2B9; box-shadow:4px 4px 4px  
4px #34C2B9 }
```

# Background

The CSS property to change the background color of an element to Hex 34C2B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C2B9 }
```

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

```
.background{ background-color:#34C2B9 }
```

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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