

Converting Colors

Hex(34CB4B)

Have a look what the booklet for
Hex(34CB4B) contains.

Hex(34CB4B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34CB4B)

Conversions

Conversions Part 1

Format	Color
Hex	34CB4B
RGB	52, 203, 75
RGB Percent	20%, 80%, 29%
CMY	0.7961, 0.2039, 0.7059
CMYK	0.74, 0.00, 0.63, 0.20
HSL	129°, 59%, 50%
HSV	129°, 74%, 80%
XYZ	24.0421, 43.9499, 13.8726
YIQ	143.2590, -48.9080, -71.8200

Conversions

Conversions Part 2

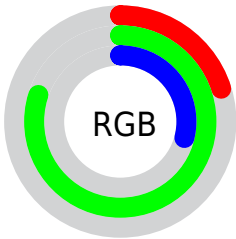
Format	Color
RYB	52, 183, 203
Decimal	3459915
CIELab	72.20, -63.94, 51.42
CIELCh	72, 82.050, 141.191
Yxy	43.9499, 0.2937, 0.5369
Android (android.graphics.Color)	4281649995 (0xFF34CB4B)
YUV	143.2590, -33.6517, -80.0341
Hunter-Lab	66.2947, -51.2819, 33.9995

Details

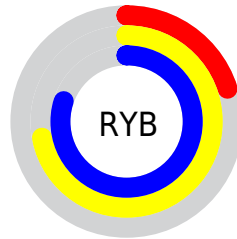
The Hex color **34CB4B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CB34B4**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **79FF80**, and **009310** is the 20% darker color. If you saturate the color by 10%, you get **20CB3A**, and if you desaturate by 10%, it is **48CB5C**.

Distribution



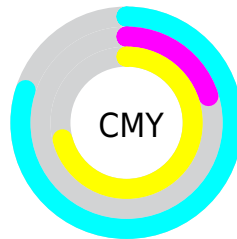
- Red (20%)
- Green (80%)
- Blue (29%)



- Red (20%)
- Yellow (72%)
- Blue (80%)



- Cyan (74%)
- Magenta (0%)
- Yellow (63%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34CB4B 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 34CB4B by changing the saturation by 10% instead.

 34CB4B

 34CB4B

FFFFFF

 00AF30

 79FF80

 009310

 98FF9C

 007800

 B6FFB7

 005E00

 D5FFD4

 004500

 F3FFF1

 002E00

 000E00

 000000

 34CB4B

 34CB4B

 20CB3A

 48CB5C

 0BCB29

 5DCB6D

 00CB1F

 71CB7F

 85CB90

 9ACBA1

 AECBB2

 C2CBC3

 D6CBD5

 EBCBE6

Harmonies

Analogous

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



A1BD00



34CB4B



00D298

Triad

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



34CB4B



00C0FF



FF6680

Complementary

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



34CB4B



CB34B4

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.



FF64CA



34CB4B



7EA7FF

Square

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



34CB4B



00CEFF



F583FF



FF853A

Rectangle

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



34CB4B



00D3CC



F583FF



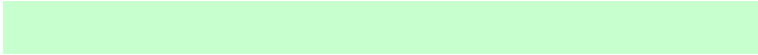
FF6198

Sweetspot

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



34CB4B



C7FFCF



B4CB34



5E8063



000000



808080

Same Dimension

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



34CB4B



1CFF3F



34CB96



5C665D



00A619



002606

Inverse Universe

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



CB34B4



FF1CDC



CB3469



665C64



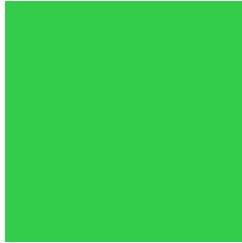
A6008D



260020

Previews

White Background



This preview shows how the Hex color 34CB4B looks on a white background.

Color Contrast Check

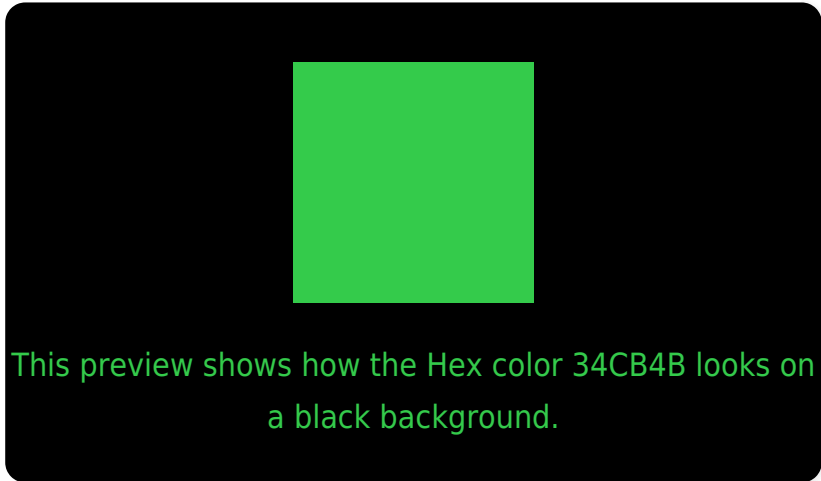
Large Text (above 18pt) WCAG AA × Fail

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 34CB4B Background



This preview shows how black text looks on a background with the Hex color 34CB4B.

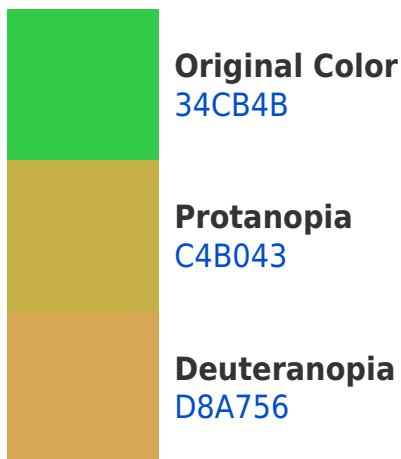


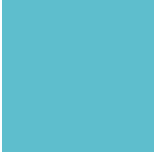
This preview shows how white text looks on a background with the Hex color 34CB4B.

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



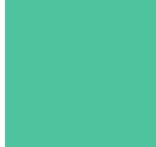
Original Color
34CB4B



Protanomaly
90BA46



Deuteranomaly
9CB452



Tritanomaly
4FC39E

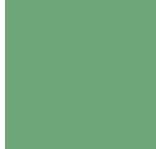
Monochromacy



Original Color
34CB4B



Achromatopsia
8F8F8F



Achromatomaly
6EA576

CSS Examples

Text

The CSS property to change the color of the text to Hex 34CB4B 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 #34CB4B looks like.

```
.text, #text, p{  
    color:#34CB4B  
}
```

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 #34CB4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34CB4B
}
```

Border

The CSS property to change the border of an element to Hex 34CB4B 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
#34CB4B }
```

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

```
.border{ border-color:#34CB4B }
```

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

Here you see how a box with a 4 pixel #34CB4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34CB4B; -webkit-box-shadow:4px 4px  
4px 4px #34CB4B; box-shadow:4px 4px 4px  
4px #34CB4B }
```

Background

The CSS property to change the background color of an element to Hex 34CB4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34CB4B }
```

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

```
.background{ background-color:#34CB4B }
```

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