

# Converting Colors

Hex(34CB51)

Have a look what the booklet for  
Hex(34CB51) contains.

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**Color**

**Hex(34CB51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34CB51
RGB	52, 203, 81
RGB Percent	20%, 80%, 32%
CMY	0.7961, 0.2039, 0.6824
CMYK	0.74, 0.00, 0.60, 0.20
HSL	132°, 59%, 50%
HSV	132°, 74%, 80%
XYZ	24.2573, 44.0360, 15.0059
YIQ	143.9430, -50.8340, -69.9540

# Conversions

## Conversions Part 2

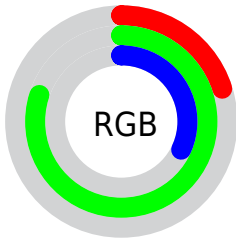
Format	Color
<a href="#">RYB</a>	<a href="#">52, 179, 203</a>
Decimal	<a href="#">3459921</a>
CIELab	<a href="#">72.25, -63.24, 48.85</a>
CIElCh	<a href="#">72, 79.915, 142.316</a>
Yxy	<a href="#">44.0360, 0.2912, 0.5286</a>
Android (android.graphics.Color)	<a href="#">4281650001 (0xFF34CB51)</a>
YUV	<a href="#">143.9430, -31.0309, -80.6340</a>
Hunter-Lab	<a href="#">66.3596, -50.8799, 33.0445</a>

# Details

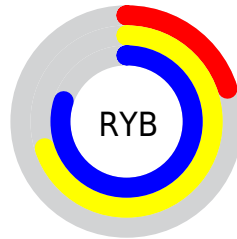
The Hex color **34CB51** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **CB34AE**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **79FF86**, and **00931A** is the 20% darker color. If you saturate the color by 10%, you get **20CB41**, and if you desaturate by 10%, it is **48CB61**.

# Distribution



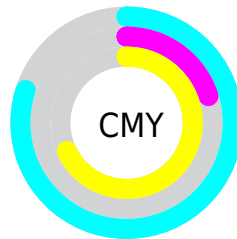
- Red (20%)
- Green (80%)
- Blue (32%)



- Red (20%)
- Yellow (70%)
- Blue (80%)



- Cyan (74%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)



- Cyan (80%)
- Magenta (20%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34CB51 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 34CB51 by changing the saturation by 10% instead.



 34CB51

 34CB51

FFFFFF

 00AF37

 79FF86

 00931A

 97FFA1

 007800

 B6FFBD

 005E00

 D4FFDA

 004500

 F3FFF7

 002E00

 000F00

 000000

 34CB51

 34CB51

 20CB41

 48CB61

 0BCB30

 5DCB72

 00CB27

 71CB82

 85CB93

 9ACBA3

 AECBB3

 C2CBC4

 D6CBD4

 EBCBE5

# Harmonies

## Analogous

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



9FBE00



34CB51



00D19B

# Triad

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



34CB51



00BFFF



FF6A7E

# Complementary

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



34CB51



CB34AE

# 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.



FF67C7



34CB51



88A6FF

# Square

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



34CB51



00CEFF



F683FF



FF883C

# Rectangle

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



34CB51



00D3CE



F683FF



FF6596

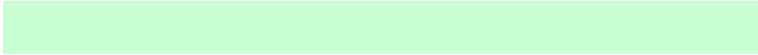


# Sweetspot

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



34CB51



C7FFD2



AFCB34



5E8065



000000



808080



# Same Dimension

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



34CB51



1CFF48



34CB9B



5C665E



00A620



002607



# Inverse Universe

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



CB34AE



FF1CD3



CB3464



665C64



A60086



26001F



# Previews

## White Background



This preview shows how the Hex color 34CB51 looks on a white background.

## Color Contrast Check

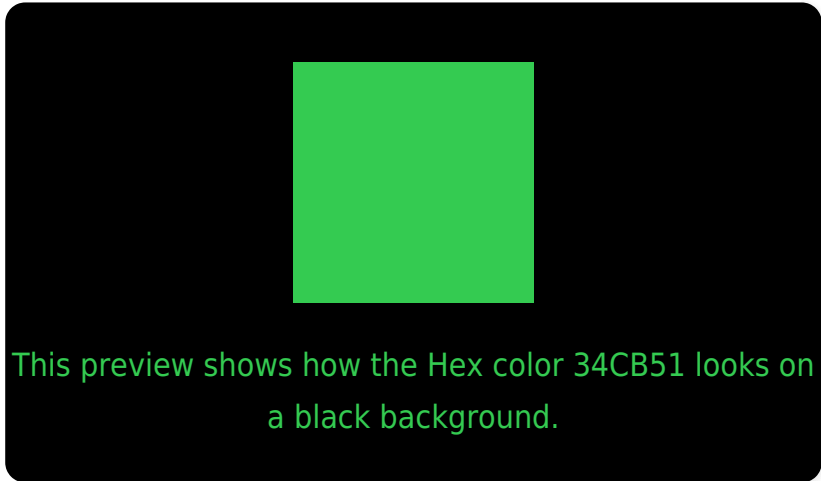
Large Text (above 18pt) WCAG AA × Fail

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

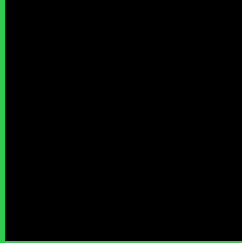
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34CB51 Background



This preview shows how black text looks on a background with the Hex color 34CB51.

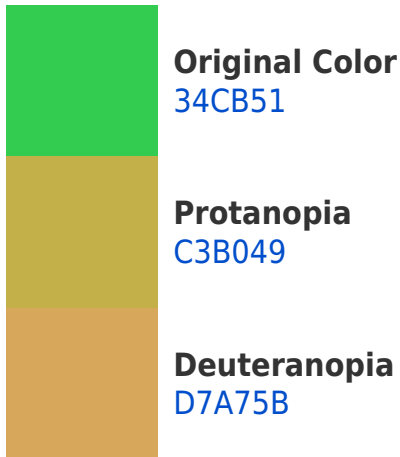


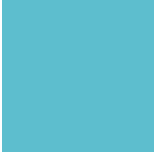
This preview shows how white text looks on a background with the Hex color 34CB51.

# 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



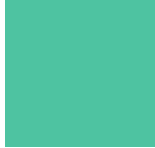
**Original Color**  
34CB51



**Protanomaly**  
8FBA4C



**Deuteranomaly**  
9CB457



**Tritanomaly**  
4EC3A1

# Monochromacy



**Original Color**  
34CB51



**Achromatopsia**  
909090



**Achromatomaly**  
6FA579

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34CB51 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 #34CB51 looks like.

```
.text, #text, p{  
    color:#34CB51  
}
```

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 #34CB51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34CB51
}
```

## Border

The CSS property to change the border of an element to Hex 34CB51 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
#34CB51 }
```

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

```
.border{ border-color:#34CB51 }
```

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

Here you see how a box with a 4 pixel #34CB51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34CB51; -webkit-box-shadow:4px 4px  
4px 4px #34CB51; box-shadow:4px 4px 4px  
4px #34CB51 }
```

# Background

The CSS property to change the background color of an element to Hex 34CB51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34CB51 }
```

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

```
.background{ background-color:#34CB51 }
```

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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