

# Converting Colors

Hex(52C34B)

Have a look what the booklet for  
Hex(52C34B) contains.

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**Color**

**Hex(52C34B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52C34B
RGB	82, 195, 75
RGB Percent	32%, 76%, 29%
CMY	0.6784, 0.2353, 0.7059
CMYK	0.58, 0.00, 0.62, 0.24
HSL	116°, 50%, 53%
HSV	116°, 62%, 76%
XYZ	24.2648, 41.3321, 13.3556
YIQ	147.5330, -28.8280, -61.2760

# Conversions

## Conversions Part 2

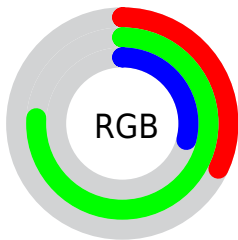
Format	Color
<a href="#">RYB</a>	<a href="#">75, 195, 188</a>
Decimal	<a href="#">5423947</a>
CIELab	<a href="#">70.41, -55.26, 49.61</a>
CIELCh	<a href="#">70, 74.260, 138.086</a>
Yxy	<a href="#">41.3321, 0.3073, 0.5235</a>
Android (android.graphics.Color)	<a href="#">4283614027 (0xFF52C34B)</a>
YUV	<a href="#">147.5330, -35.7588, -57.4724</a>
Hunter-Lab	<a href="#">64.2900, -45.1368, 32.6861</a>

# Details

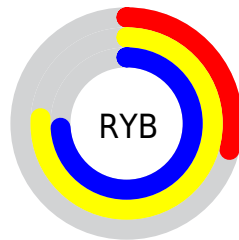
The Hex color **52C34B** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **BC4BC3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8DFC80**, and **008C12** is the 20% darker color. If you saturate the color by 10%, you get **40C338**, and if you desaturate by 10%, it is **64C35F**.

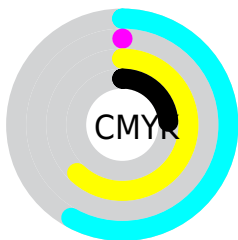
# Distribution



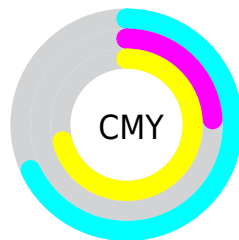
- Red (32%)
- Green (76%)
- Blue (29%)



- Red (29%)
- Yellow (76%)
- Blue (74%)



- Cyan (58%)
- Magenta (0%)
- Yellow (62%)
- Black (24%)



- Cyan (68%)
- Magenta (24%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52C34B 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 52C34B by changing the saturation by 10% instead.





52C34B



52C34B

FFFFFF



31A730



8DFC80



008C12



ABFF9B



007200



C8FFB7



005800



E6FFD3



003F00



FFFFF0



002900



000300



000000



52C34B



52C34B

 40C338

 64C35F

 2DC324

 77C372

 1BC311

 89C386

 0BC300

 9BC399

 AEC3AD

 C0C3C0

 D3C3D4

 E5C3E7

 F7C3FB

# Harmonies

## Analogous

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



A6B50A



52C34B



00CA8E

# Triad

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



52C34B



00BCFF



FF6B86

# Complementary

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



52C34B



BC4BC3

# 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.



FF6CCA



52C34B



73A6FF

# Square

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



52C34B



00C8FF



E287FF



FF8349

# Rectangle

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



52C34B



00CCBD



E287FF



FF679D

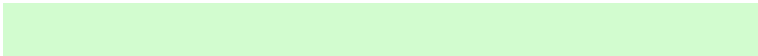


# Sweetspot

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



52C34B



D2FCCF



C3BB4B



658063



000000



808080



# Same Dimension

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



52C34B



4DFC42



4BC37F



586157



09A100



022100



# Inverse Universe

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



BC4BC3



F242FC



C34B8F



605761



9700A1



1F0021



# Previews

## White Background



This preview shows how the Hex color 52C34B looks on a white background.

## Color Contrast Check

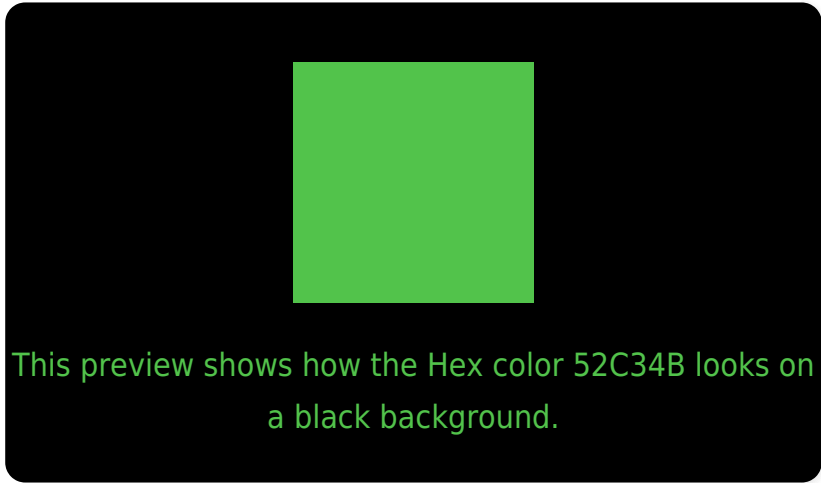
Large Text (above 18pt) WCAG AA × Fail

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

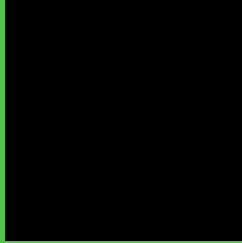
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52C34B Background



This preview shows how black text looks on a background with the Hex color 52C34B.

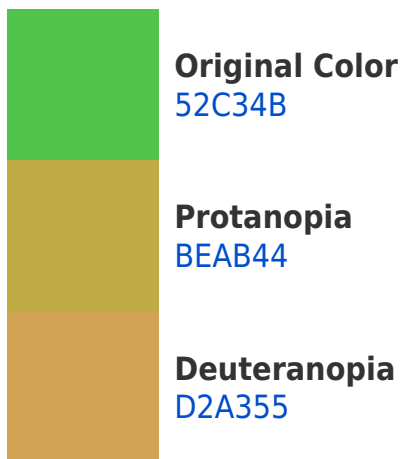


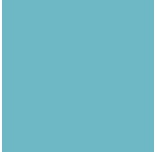
This preview shows how white text looks on a background with the Hex color 52C34B.

# 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**  
6EB7C5

# Trichromacy



**Original Color**  
52C34B



**Protanomaly**  
97B447



**Deuteranomaly**  
A3AF51



**Tritanomaly**  
64BB99

# Monochromacy



**Original Color**  
52C34B



**Achromatopsia**  
949494



**Achromatomaly**  
7CA579

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52C34B 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 #52C34B looks like.

```
.text, #text, p{  
    color:#52C34B  
}
```

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 #52C34B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52C34B
}
```

## Border

The CSS property to change the border of an element to Hex 52C34B 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
#52C34B }
```

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

```
.border{ border-color:#52C34B }
```

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

Here you see how a box with a 4 pixel #52C34B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52C34B; -webkit-box-shadow:4px 4px  
4px 4px #52C34B; box-shadow:4px 4px 4px  
4px #52C34B }
```

# Background

The CSS property to change the background color of an element to Hex 52C34B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52C34B }
```

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

```
.background{ background-color:#52C34B }
```

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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