

# Converting Colors

Hex(34B143)

Have a look what the booklet for  
Hex(34B143) contains.

|  |    |
|--|----|
| <b>Hex(34B143)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(34B143)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 34B143                       |
| RGB         | 52, 177, 67                  |
| RGB Percent | 20%, 69%, 26%                |
| CMY         | 0.7961, 0.3059, 0.7373       |
| CMYK        | 0.71, 0.00, 0.62, 0.31       |
| HSL         | 127°, 55%, 45%               |
| HSV         | 127°, 71%, 69%               |
| XYZ         | 18.1514, 32.5796, 10.6420    |
| YIQ         | 127.0850, -39.1900, -60.7100 |

# Conversions

## Conversions Part 2

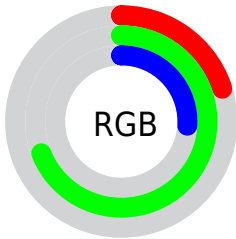
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">52, 164, 177</a>                 |
| Decimal                             | <a href="#">3453251</a>                      |
| CIELab                              | <a href="#">63.82, -56.11, 45.49</a>         |
| CIELCh                              | <a href="#">64, 72.237, 140.967</a>          |
| Yxy                                 | <a href="#">32.5796, 0.2958, 0.5308</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4281643331<br/>(0xFF34B143)</a>  |
| YUV                                 | <a href="#">127.0850, -29.6219, -65.8495</a> |
| Hunter-Lab                          | <a href="#">57.0785, -43.1230, 28.9007</a>   |

# Details

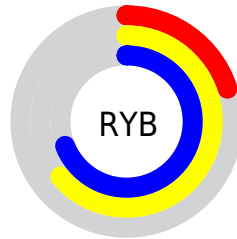
The Hex color **34B143** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B134A2**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **74EA77**, and **007B0A** is the 20% darker color. If you saturate the color by 10%, you get **22B133**, and if you desaturate by 10%, it is **46B153**.

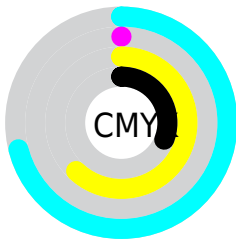
# Distribution



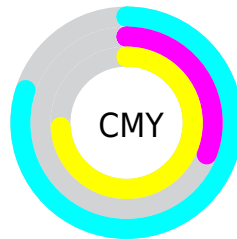
- Red (20%)
- Green (69%)
- Blue (26%)



- Red (20%)
- Yellow (64%)
- Blue (69%)



- Cyan (71%)
- Magenta (0%)
- Yellow (62%)
- Black (31%)



- Cyan (80%)
- Magenta (31%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34B143 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 34B143 by changing the saturation by 10% instead.



 34B143

 34B143

FFFFFF

 009629

 74EA77

 007B0A

 91FF92

 006100

 AFFFAD

 004800

 CCFFC9

 003100

 EAFFE6

 001600

 000000

 34B143

 34B143

 22B133

 46B153

 11B124

 57B162

 00B115

 69B172

 7BB181

 8CB191

 9EB1A0

 B0B1B0

 C2B1C0

 D3B1CF

# Harmonies

## Analogous

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



8EA500



34B143



00B784

# Triad

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



34B143



00A8FF



FF5B71

# Complementary

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



34B143



B134A2

# 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.



FF5AB1



34B143



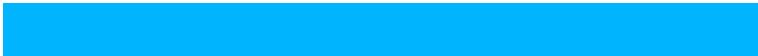
7092FF

# Square

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



34B143



00B4FE



D474ED



F67536

# Rectangle

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



34B143



00B8B1



D474ED



FF5786



# Sweetspot

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



34B143



B5E6BB



A2B134



56735A



F2F2F2



737373



# Same Dimension

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



34B143



22E63A



34B181



505951



009912



001A03



# Inverse Universe

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



B134A2



E622CE



B13464



595058



990087



1A0016



# Previews

## White Background



This preview shows how the Hex color 34B143 looks on a white background.

## Color Contrast Check

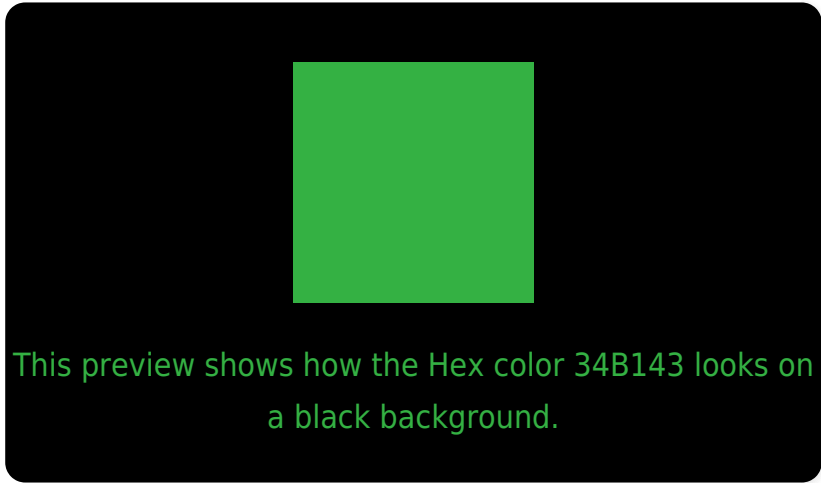
Large Text (above 18pt) WCAG AA × Fail

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

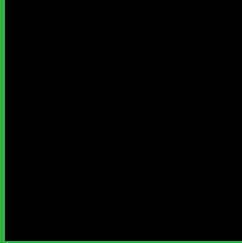
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34B143 Background



This preview shows how black text looks on a background with the Hex color 34B143.

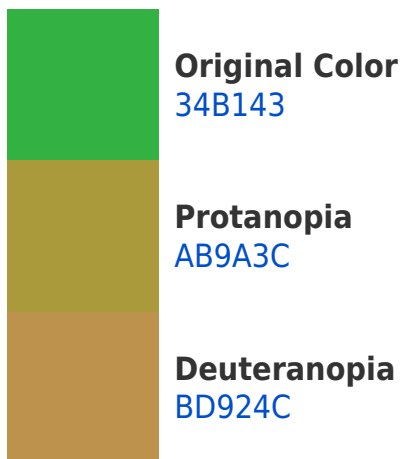


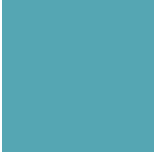
This preview shows how white text looks on a background with the Hex color 34B143.

# 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**  
55A6B3

# Trichromacy



**Original Color**  
34B143



**Protanomaly**  
80A23F



**Deuteranomaly**  
8B9D49



**Tritanomaly**  
49AA8A

# Monochromacy



**Original Color**  
34B143



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
649169

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34B143 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 #34B143 looks like.

```
.text, #text, p{  
    color:#34B143  
}
```

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 #34B143 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B143
}
```

## Border

The CSS property to change the border of an element to Hex 34B143 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
#34B143 }
```

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

```
.border{ border-color:#34B143 }
```

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

Here you see how a box with a 4 pixel #34B143 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B143; -webkit-box-shadow:4px 4px  
4px 4px #34B143; box-shadow:4px 4px 4px  
4px #34B143 }
```

# Background

The CSS property to change the background color of an element to Hex 34B143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B143 }
```

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

```
.background{ background-color:#34B143 }
```

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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