

# Converting Colors

Hex(34BD4F)

Have a look what the booklet for  
Hex(34BD4F) contains.

<b>Hex(34BD4F)</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(34BD4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34BD4F
RGB	52, 189, 79
RGB Percent	20%, 74%, 31%
CMY	0.7961, 0.2588, 0.6902
CMYK	0.72, 0.00, 0.58, 0.26
HSL	132°, 57%, 47%
HSV	132°, 72%, 74%
XYZ	21.0251, 37.6898, 13.5639
YIQ	135.4970, -46.3420, -63.2540

# Conversions

## Conversions Part 2

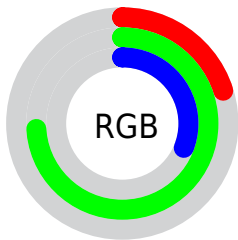
Format	Color
<a href="#">RYB</a>	<a href="#">52, 166, 189</a>
Decimal	<a href="#">3456335</a>
CIELab	<a href="#">67.79, -58.78, 44.58</a>
CIElCh	<a href="#">68, 73.773, 142.820</a>
Yxy	<a href="#">37.6898, 0.2909, 0.5215</a>
Android (android.graphics.Color)	<a href="#">4281646415 (0xFF34BD4F)</a>
YUV	<a href="#">135.4970, -27.8530, -73.2269</a>
Hunter-Lab	<a href="#">61.3920, -46.3047, 29.8750</a>

# Details

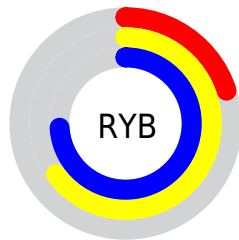
The Hex color **34BD4F** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BD34A2**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **76F683**, and **00861A** is the 20% darker color. If you saturate the color by 10%, you get **21BD40**, and if you desaturate by 10%, it is **47BD5E**.

# Distribution



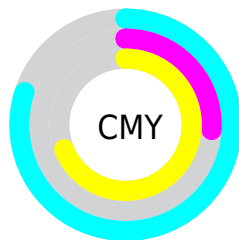
- Red (20%)
- Green (74%)
- Blue (31%)



- Red (20%)
- Yellow (65%)
- Blue (74%)



- Cyan (72%)
- Magenta (0%)
- Yellow (58%)
- Black (26%)



- Cyan (80%)
- Magenta (26%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34BD4F 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 34BD4F by changing the saturation by 10% instead.



 34BD4F

 34BD4F

FFFFFF

 00A135

 76F683

 00861A

 94FF9E

 006C00

 B2FFBA

 005200

 CFFFD6

 003A00

 EEEFF3

 002200

 000000

 34BD4F

 34BD4F

 21BD40

 47BD5E

■ 0EBD31

■ 5ABD6D

■ 00BD25

■ 6DBD7D

■ 80BD8C

■ 93BD9B

■ A5BDAA

■ B8BDB9

■ CBBDC8

■ DEBDD8

# Harmonies

## Analogous

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



94B10A



34BD4F



00C392

# Triad

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



34BD4F



00B2FF



FF6676

# Complementary

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



34BD4F



BD34A2

# 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.



FF63B8



34BD4F



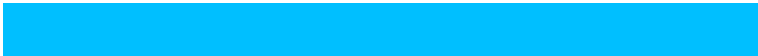
849AFF

# Square

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



34BD4F



00BFFF



E57BF7



FF813A

# Rectangle

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



34BD4F



00C4C1



E57BF7



FF618B

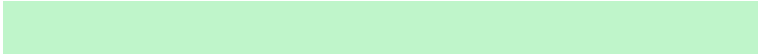


# Sweetspot

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



34BD4F



BFF5CA



A4BD34



5B7A61



FAFAFA



7A7A7A



# Same Dimension

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



34BD4F



20F54A



34BD92



555E57



009E1F



001F06



# Inverse Universe

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



BD34A2



F520CB



BD345F



5E555C



9E007F



1F0019



# Previews

## White Background



This preview shows how the Hex color 34BD4F looks on a white background.

## Color Contrast Check

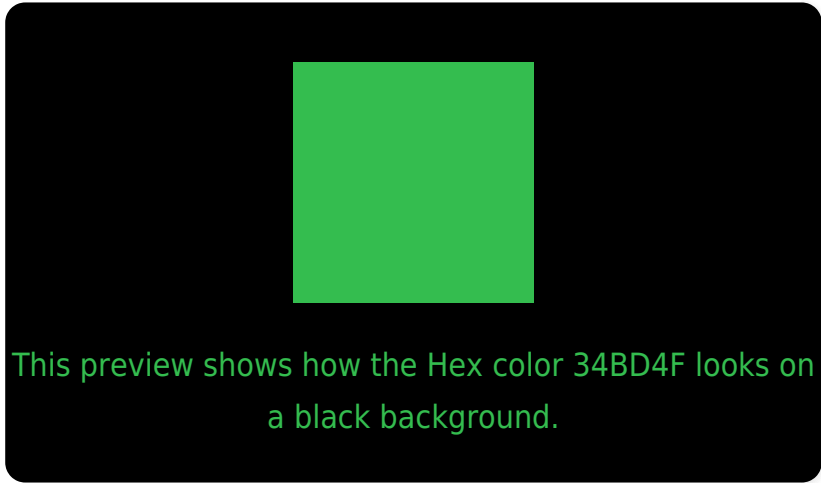
Large Text (above 18pt) WCAG AA × Fail

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

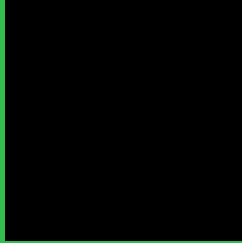
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34BD4F Background



This preview shows how black text looks on a background with the Hex color 34BD4F.

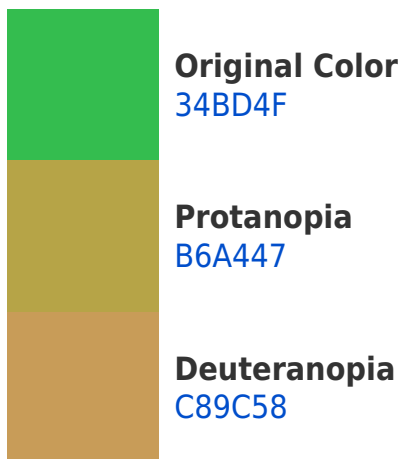


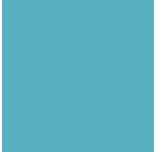
This preview shows how white text looks on a background with the Hex color 34BD4F.

# 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**  
58B1C0

# Trichromacy



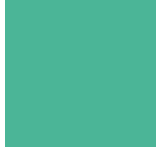
**Original Color**  
34BD4F



**Protanomaly**  
87AD4A



**Deuteranomaly**  
92A855



**Tritanomaly**  
4BB597

# Monochromacy



**Original Color**  
34BD4F



**Achromatopsia**  
878787



**Achromatomaly**  
699B73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34BD4F 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 #34BD4F looks like.

```
.text, #text, p{  
    color:#34BD4F  
}
```

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 #34BD4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34BD4F  
}
```

## Border

The CSS property to change the border of an element to Hex 34BD4F 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  
#34BD4F }
```

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

```
.border{ border-color:#34BD4F }
```

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

Here you see how a box with a 4 pixel #34BD4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34BD4F; -webkit-box-shadow:4px 4px  
4px 4px #34BD4F; box-shadow:4px 4px 4px  
4px #34BD4F }
```

# Background

The CSS property to change the background color of an element to Hex 34BD4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34BD4F }
```

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

```
.background{ background-color:#34BD4F }
```

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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