

# Converting Colors

Hex(35B84B)

Have a look what the booklet for  
Hex(35B84B) contains.

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**Color**

**Hex(35B84B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35B84B
RGB	53, 184, 75
RGB Percent	21%, 72%, 29%
CMY	0.7922, 0.2784, 0.7059
CMYK	0.71, 0.00, 0.59, 0.28
HSL	130°, 55%, 46%
HSV	130°, 71%, 72%
XYZ	19.8787, 35.5459, 12.4699
YIQ	132.4050, -43.0870, -61.6710

# Conversions

## Conversions Part 2

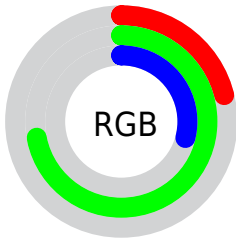
Format	Color
<a href="#">RYB</a>	<a href="#">53, 165, 184</a>
Decimal	<a href="#">3520587</a>
CIELab	<a href="#">66.17, -57.39, 44.55</a>
CIELCh	<a href="#">66, 72.656, 142.181</a>
Yxy	<a href="#">35.5459, 0.2928, 0.5235</a>
Android (android.graphics.Color)	<a href="#">4281710667 (0xFF35B84B)</a>
YUV	<a href="#">132.4050, -28.3007, -69.6382</a>
Hunter-Lab	<a href="#">59.6204, -44.8199, 29.3334</a>

# Details

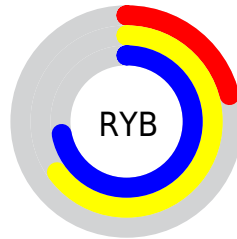
The Hex color **35B84B** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B835A2**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **75F17F**, and **008216** is the 20% darker color. If you saturate the color by 10%, you get **23B83C**, and if you desaturate by 10%, it is **47B85A**.

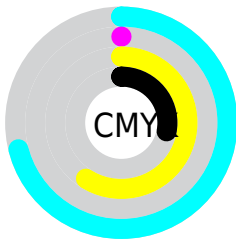
# Distribution



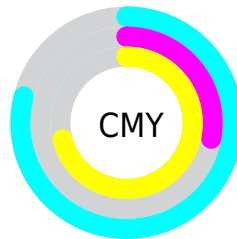
- Red (21%)
- Green (72%)
- Blue (29%)



- Red (21%)
- Yellow (65%)
- Blue (72%)



- Cyan (71%)
- Magenta (0%)
- Yellow (59%)
- Black (28%)



- Cyan (79%)
- Magenta (28%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35B84B 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 35B84B by changing the saturation by 10% instead.



 35B84B

 35B84B

FFFFFF

 009C31

 75F17F

 008216

 93FF9A

 006700

 B1FFB5

 004E00

 CFFFD2

 003600

 EDFFEE

 001E00

 000000

 35B84B

 35B84B

 23B83C

 47B85A


 10B82C

 5AB86A

 00B81F

 6CB879

 7FB888

 91B898

 A3B8A7

 B6B8B6

 C8B8C5

 DBB8D5

# Harmonies

## Analogous

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



92AC05



35B84B



00BE8D

# Triad

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



35B84B



00AEFF



FF6374

# Complementary

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



35B84B



B835A2

# 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.



FF60B5



35B84B



7D97FF

# Square

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



35B84B



00BAFF



DE79F2



FC7C39

# Rectangle

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



35B84B



00BFBA



DE79F2



FF5E89

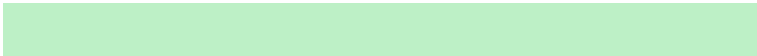


# Sweetspot

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



35B84B



BDF0C6



A2B835



5A785F



F7F7F7



787878



# Same Dimension

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



35B84B



24F046



35B88C



535C54



009C1A



001C05



# Inverse Universe

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



B835A2



F024CD



B83561



5C535A



9C0081



1C0017



# Previews

## White Background



This preview shows how the Hex color 35B84B looks on a white background.

## Color Contrast Check

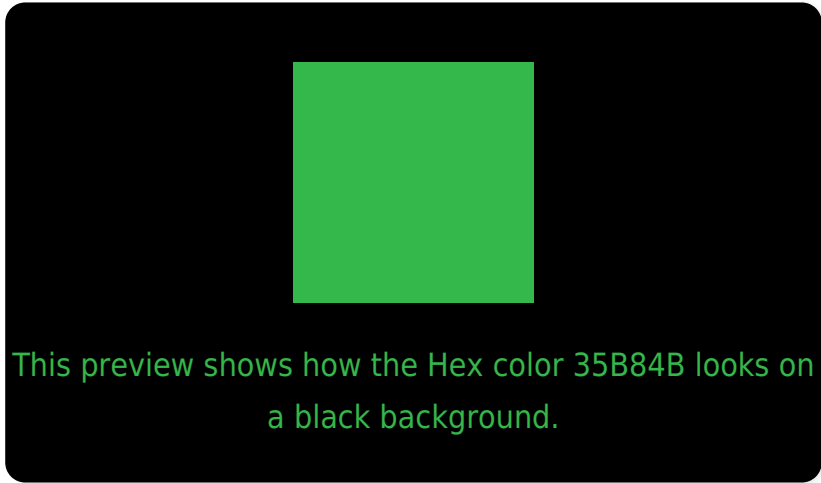
Large Text (above 18pt) WCAG AA × Fail

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 35B84B Background



This preview shows how black text looks on a background with the Hex color 35B84B.

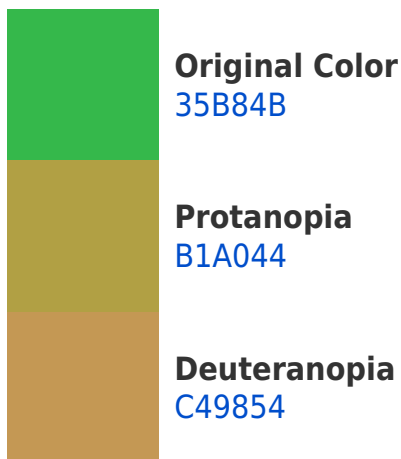


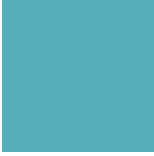
This preview shows how white text looks on a background with the Hex color 35B84B.

# 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**  
58ADBB

# Trichromacy



**Original Color**  
35B84B



**Protanomaly**  
84A947



**Deuteranomaly**  
90A451



**Tritanomaly**  
4BB192

# Monochromacy



**Original Color**  
35B84B



**Achromatopsia**  
848484



**Achromatomaly**  
67976F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35B84B 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 #35B84B looks like.

```
.text, #text, p{  
    color:#35B84B  
}
```

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 #35B84B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B84B
}
```

## Border

The CSS property to change the border of an element to Hex 35B84B 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
#35B84B }
```

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

```
.border{ border-color:#35B84B }
```

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

Here you see how a box with a 4 pixel #35B84B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B84B; -webkit-box-shadow:4px 4px  
4px 4px #35B84B; box-shadow:4px 4px 4px  
4px #35B84B }
```

# Background

The CSS property to change the background color of an element to Hex 35B84B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B84B }
```

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

```
.background{ background-color:#35B84B }
```

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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