

Converting Colors

Hex(35C84E)

Have a look what the booklet for
Hex(35C84E) contains.

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Color

Hex(35C84E)

Conversions

Conversions Part 1

Format	Color
Hex	35C84E
RGB	53, 200, 78
RGB Percent	21%, 78%, 31%
CMY	0.7922, 0.2157, 0.6941
CMYK	0.73, 0.00, 0.61, 0.22
HSL	130°, 58%, 50%
HSV	130°, 74%, 78%
XYZ	23.4976, 42.6155, 14.1949
YIQ	142.1390, -48.4500, -69.1060

Conversions

Conversions Part 2

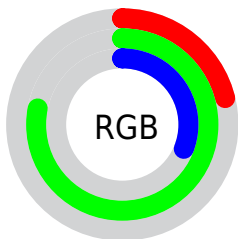
Format	Color
RYB	53, 179, 200
Decimal	3524686
CIELab	71.29, -62.46, 49.09
CIELCh	71, 79.441, 141.830
Yxy	42.6155, 0.2926, 0.5307
Android (android.graphics.Color)	4281714766 (0xFF35C84E)
YUV	142.1390, -31.6205, -78.1749
Hunter-Lab	65.2805, -49.9902, 32.8041

Details

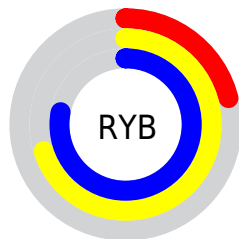
The Hex color **35C84E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C835AF**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **79FF83**, and **009117** is the 20% darker color. If you saturate the color by 10%, you get **21C83D**, and if you desaturate by 10%, it is **49C85F**.

Distribution



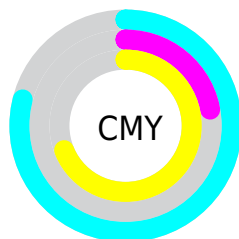
- Red (21%)
- Green (78%)
- Blue (31%)



- Red (21%)
- Yellow (70%)
- Blue (78%)



- Cyan (73%)
- Magenta (0%)
- Yellow (61%)
- Black (22%)



- Cyan (79%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35C84E 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 35C84E by changing the saturation by 10% instead.

 35C84E

 35C84E

FFFFFF

 00AC34

 79FF83

 009117

 97FF9E

 007600

 B6FFBA

 005C00

 D4FFD6

 004300

 F2FFF3

 002B00

 000900

 000000

 35C84E

 35C84E

 21C83D

 49C85F

 0DC82D

 5DC86F

 00C822

 71C880

 85C890

 99C8A1

 ADC8B2

 C1C8C2

 D5C8D3

 E9C8E3

Harmonies

Analogous

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



9EBB00



35C84E



00CE98

Triad

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



35C84E



00BDFE



FF687D

Complementary

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



35C84E



C835AF

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.



FF65C6



35C84E



83A4FF

Square

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



35C84E



00CBFF



F282FF



FF853B

Rectangle

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



35C84E



00D0CA



F282FF



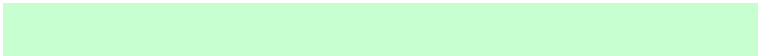
FF6395

Sweetspot

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



35C84E



C7FFD0



B0C835



5E8064



000000



808080

Same Dimension

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



35C84E



1FFF45



35C897



5A635B



00A31C



002406

Inverse Universe

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



C835AF



FF1FD9



C83566



635A62



A30087



24001E

Previews

White Background



This preview shows how the Hex color 35C84E 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



This preview shows how the Hex color 35C84E looks on a 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 35C84E Background



This preview shows how black text looks on a background with the Hex color 35C84E.

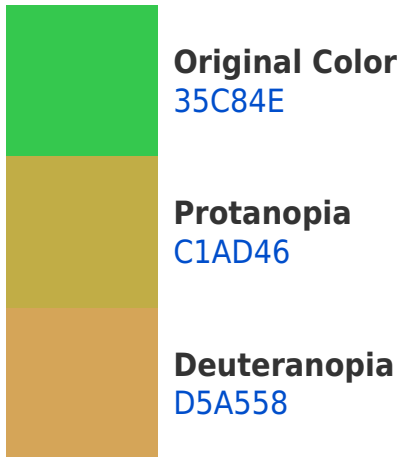


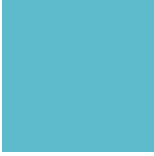
This preview shows how white text looks on a background with the Hex color 35C84E.

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](#).

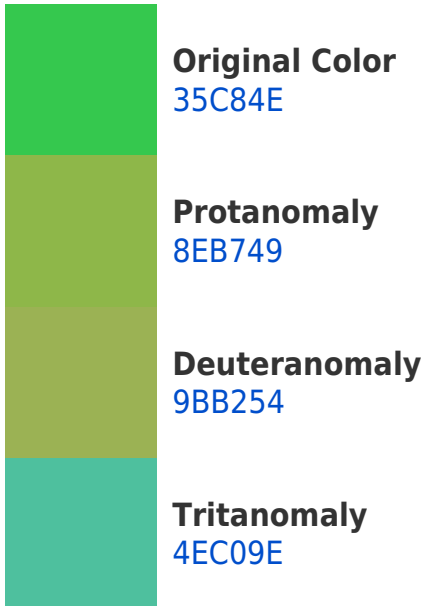
Dichromacy



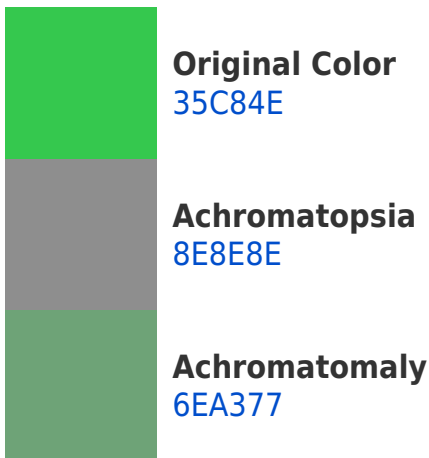


Tritanopia
5DBBCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35C84E 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 #35C84E looks like.

```
.text, #text, p{  
    color:#35C84E  
}
```

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 #35C84E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35C84E
}
```

Border

The CSS property to change the border of an element to Hex 35C84E 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
#35C84E }
```

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

```
.border{ border-color:#35C84E }
```

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

Here you see how a box with a 4 pixel #35C84E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35C84E; -webkit-box-shadow:4px 4px  
4px 4px #35C84E; box-shadow:4px 4px 4px  
4px #35C84E }
```

Background

The CSS property to change the background color of an element to Hex 35C84E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35C84E }
```

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

```
.background{ background-color:#35C84E }
```

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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