

Converting Colors

Hex(35A843)

Have a look what the booklet for
Hex(35A843) contains.

| | |
|--|----|
| Hex(35A843) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(35A843)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 35A843 |
| RGB | 53, 168, 67 |
| RGB Percent | 21%, 66%, 26% |
| CMY | 0.7922, 0.3412, 0.7373 |
| CMYK | 0.68, 0.00, 0.60, 0.34 |
| HSL | 127°, 52%, 43% |
| HSV | 127°, 68%, 66% |
| XYZ | 16.4839, 29.1674, 10.0713 |
| YIQ | 122.1010, -36.1190, -55.7910 |

Conversions

Conversions Part 2

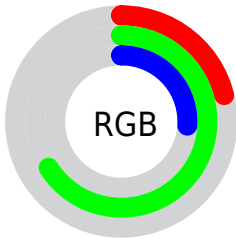
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 53, 156, 168 |
| Decimal | 3516483 |
| CIELab | 60.93, -52.76, 42.19 |
| CIElCh | 61, 67.551, 141.353 |
| Yxy | 29.1674, 0.2958, 0.5234 |
| Android (android.graphics.Color) | 4281706563 (0xFF35A843) |
| YUV | 122.1010, -27.1648, -60.6016 |
| Hunter-Lab | 54.0068, -40.0303, 26.7483 |

Details

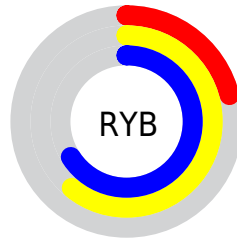
The Hex color **35A843** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A8359A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **72E076**, and **00730D** is the 20% darker color. If you saturate the color by 10%, you get **24A834**, and if you desaturate by 10%, it is **46A852**.

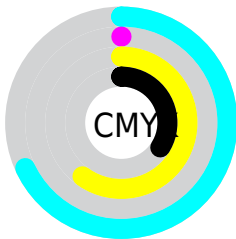
Distribution



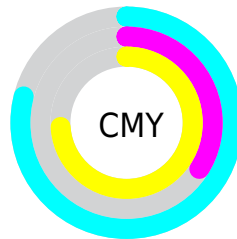
- Red (21%)
- Green (66%)
- Blue (26%)



- Red (21%)
- Yellow (61%)
- Blue (66%)



- Cyan (68%)
- Magenta (0%)
- Yellow (60%)
- Black (34%)



- Cyan (79%)
- Magenta (34%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A843 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 35A843 by changing the saturation by 10% instead.

 35A843

 35A843

FFFFFF

 038D2A

 72E076

 00730D

 8FFD91

 005900

 ACFFAC

 004000

 CAFFC8

 002A00

 E7FFE4

 000600

 000000

 35A843

 35A843

 24A834

 46A852

 13A825

 57A861

 03A817

 67A86F

 00A814

 78A87E

 89A88D

 9AA89C

 ABA8AA

 BBA8B9

 CCA8C8

Harmonies

Analogous

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



879D05



35A843



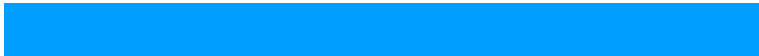
00AE7F

Triad

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



35A843



009FFF



FD5A6B

Complementary

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



35A843



A8359A

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.



F558A7



35A843



6F8BFF

Square

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



35A843



00AAF0



CA6FDE



E87135

Rectangle

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



35A843



00AFA9



CA6FDE



FE567F

Sweetspot

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



35A843



ADDBB3



9BA835



526E56



EDEDED



6E6E6E

Same Dimension

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



35A843



27DB3D



35A87C



4C544D



009412



001402

Inverse Universe

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



A8359A



DB27C5



A83561



544C53



940082



140012

Previews

White Background



This preview shows how the Hex color 35A843 looks on a white background.

Color Contrast Check

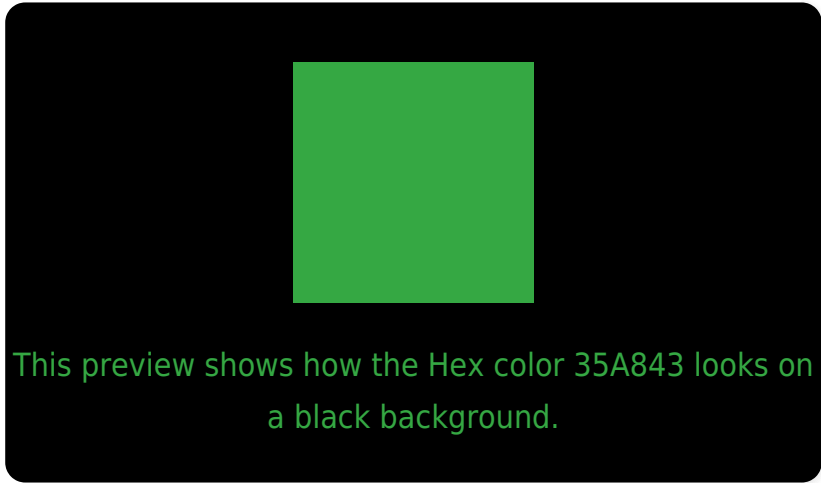
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 35A843 Background



This preview shows how black text looks on a background with the Hex color 35A843.

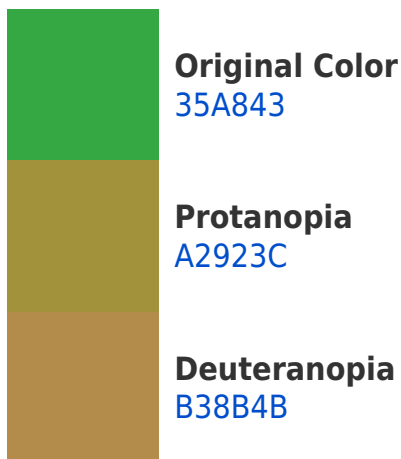


This preview shows how white text looks on a background with the Hex color 35A843.

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



Trichromacy



Original Color

35A843



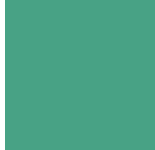
Protanomaly

7A9A3F



Deuteranomaly

859648



Tritanomaly

48A285

Monochromacy



Original Color

35A843



Achromatopsia

7A7A7A



Achromatomaly

618B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 35A843 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 #35A843 looks like.

```
.text, #text, p{  
    color:#35A843  
}
```

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 #35A843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A843
}
```

Border

The CSS property to change the border of an element to Hex 35A843 is called "border". The border property can be set on classes, ids or directly on the HTML element.

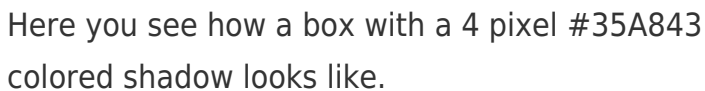
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35A843 }
```

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

```
.border{ border-color:#35A843 }
```

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



Here you see how a box with a 4 pixel #35A843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A843; -webkit-box-shadow:4px 4px  
4px 4px #35A843; box-shadow:4px 4px 4px  
4px #35A843 }
```

Background

The CSS property to change the background color of an element to Hex 35A843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A843 }
```

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

```
.background{ background-color:#35A843 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor