

Converting Colors

Hex(35AA4F)

Have a look what the booklet for
Hex(35AA4F) contains.

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Color

Hex(35AA4F)

Conversions

Conversions Part 1

Format	Color
Hex	35AA4F
RGB	53, 170, 79
RGB Percent	21%, 67%, 31%
CMY	0.7922, 0.3333, 0.6902
CMYK	0.69, 0.00, 0.54, 0.33
HSL	133°, 52%, 44%
HSV	133°, 69%, 67%
XYZ	17.2542, 30.0708, 12.2920
YIQ	124.6430, -40.5210, -53.1050

Conversions

Conversions Part 2

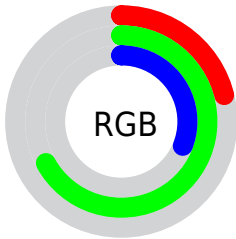
Format	Color
RYB	53, 149, 170
Decimal	3517007
CIELab	61.72, -51.87, 37.33
CIELCh	62, 63.907, 144.257
Yxy	30.0708, 0.2894, 0.5044
Android (android.graphics.Color)	4281707087 (0xFF35AA4F)
YUV	124.6430, -22.5020, -62.8309
Hunter-Lab	54.8369, -39.8003, 25.0956

Details

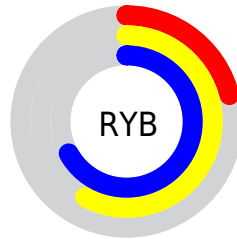
The Hex color **35AA4F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA3590**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **72E282**, and **00741E** is the 20% darker color. If you saturate the color by 10%, you get **24AA42**, and if you desaturate by 10%, it is **46AA5C**.

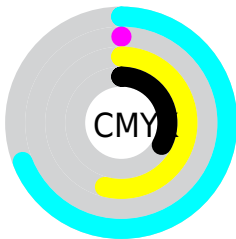
Distribution



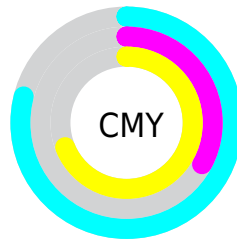
- Red (21%)
- Green (67%)
- Blue (31%)



- Red (21%)
- Yellow (58%)
- Blue (67%)



- Cyan (69%)
- Magenta (0%)
- Yellow (54%)
- Black (33%)



- Cyan (79%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35AA4F 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 35AA4F by changing the saturation by 10% instead.

 35AA4F

 35AA4F

FFFFFF

 038F36

 72E282

 00741E

 8FFF9D

 005B01

 ACFFB8

 004200

 CAFFD4

 002C00

 E7FFF1

 000C00

 000000

 35AA4F


 35AA4F

 24AA42

 46AA5C

 13AA35

 57AA69

 02AA27

 68AA77

 00AA26

 79AA84

 8AAA91

 9BAA9E

 ACAAAC

 BDAAB9

 CEAAC6

Harmonies

Analogous

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



85A01F



35AA4F



00AF88

Triad

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



35AA4F



009FFF



F9626A

Complementary

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



35AA4F



AA3590

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.



F55FA2



35AA4F



808BFD

Square

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



35AA4F



00ABF0



CF71D8



E37838

Rectangle

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



35AA4F



00B0AF



CF71D8



FB5E7C

Sweetspot

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



35AA4F



AFDEBA



91AA35



54705A



F0F0F0



707070

Same Dimension

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



35AA4F



26DE4F



35AA89



4C544E



009421



001405

Inverse Universe

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



AA3590



DE26B5



AA3556



544C52



940073



140010

Previews

White Background



This preview shows how the Hex color 35AA4F looks on a white background.

Color Contrast Check

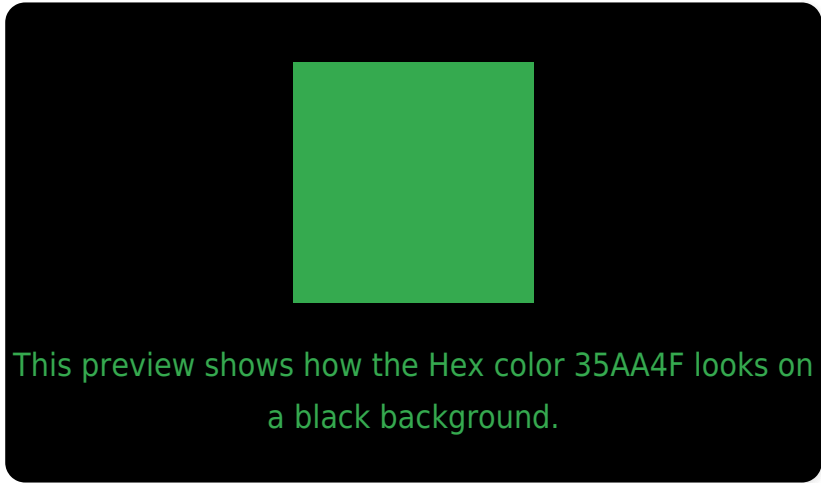
Large Text (above 18pt) WCAG AA × Fail

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 35AA4F Background



This preview shows how black text looks on a background with the Hex color 35AA4F.

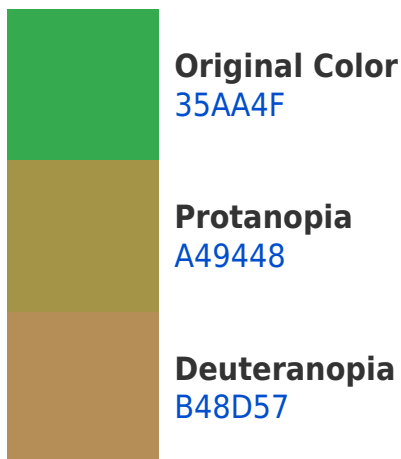


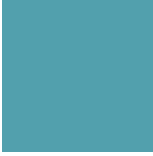
This preview shows how white text looks on a background with the Hex color 35AA4F.

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](#).

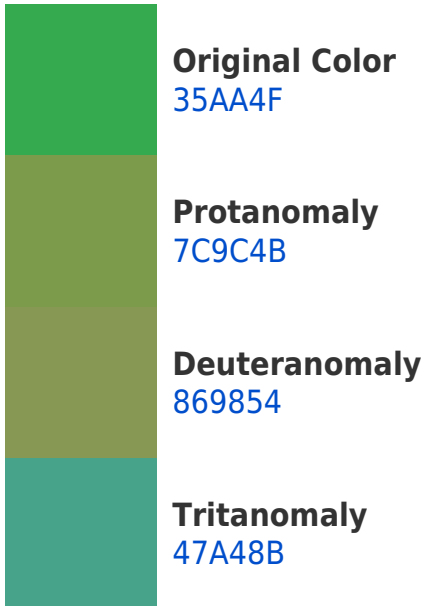
Dichromacy



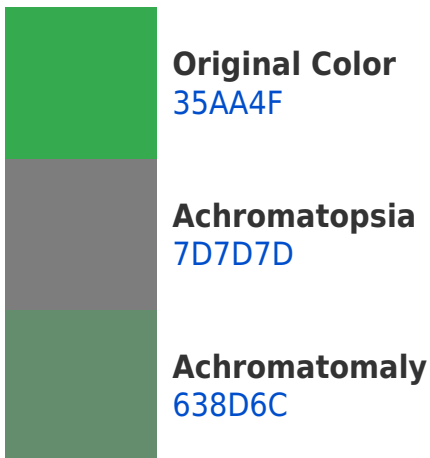


Tritanopia
52A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35AA4F 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 #35AA4F looks like.

```
.text, #text, p{  
    color:#35AA4F  
}
```

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 #35AA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AA4F
}
```

Border

The CSS property to change the border of an element to Hex 35AA4F 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
#35AA4F }
```

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

```
.border{ border-color:#35AA4F }
```

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

Here you see how a box with a 4 pixel #35AA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AA4F; -webkit-box-shadow:4px 4px  
4px 4px #35AA4F; box-shadow:4px 4px 4px  
4px #35AA4F }
```

Background

The CSS property to change the background color of an element to Hex 35AA4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AA4F }
```

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

```
.background{ background-color:#35AA4F }
```

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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