

Converting Colors

Hex(34AA57)

Have a look what the booklet for
Hex(34AA57) contains.

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Color

Hex(34AA57)

Conversions

Conversions Part 1

Format	Color
Hex	34AA57
RGB	52, 170, 87
RGB Percent	20%, 67%, 34%
CMY	0.7961, 0.3333, 0.6588
CMYK	0.69, 0.00, 0.49, 0.33
HSL	138°, 53%, 44%
HSV	138°, 69%, 67%
XYZ	17.5112, 30.1676, 13.9168
YIQ	125.2560, -43.6850, -50.8290

Conversions

Conversions Part 2

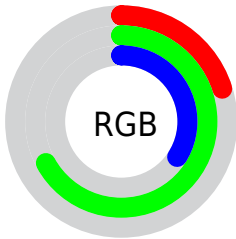
Format	Color
RYB	52, 143, 170
Decimal	3451479
CIELab	61.80, -50.83, 33.39
CIELCh	62, 60.816, 146.699
Yxy	30.1676, 0.2843, 0.4898
Android (android.graphics.Color)	4281641559 (0xFF34AA57)
YUV	125.2560, -18.8602, -64.2455
Hunter-Lab	54.9251, -39.2095, 23.4247

Details

The Hex color **34AA57** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA3487**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **71E28A**, and **007427** is the 20% darker color. If you saturate the color by 10%, you get **23AA4B**, and if you desaturate by 10%, it is **45AA63**.

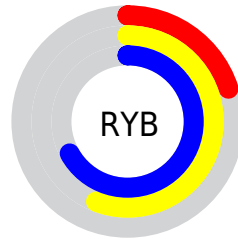
Distribution



Red (20%)

Green (67%)

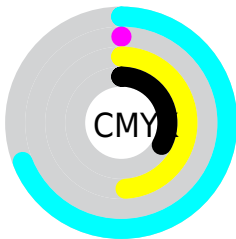
Blue (34%)



Red (20%)

Yellow (56%)

Blue (67%)

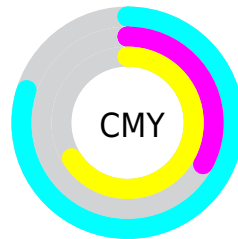


Cyan (69%)

Magenta (0%)

Yellow (49%)

Black (33%)



Cyan (80%)

Magenta (33%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Hex color 34AA57 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 34AA57 by changing the saturation by 10% instead.

 34AA57

 34AA57

FFFFFF

 018F3F

 71E28A

 007427

 8EFAA5

 005B0E

 ABFFC0

 004200

 C9FFDD

 002D00

 E6FFF9

 000C00

 000000

 34AA57

 34AA57

 23AA4B

 45AA63

 12AA3F

 56AA6F

 01AA33

 67AA7B

 00AA32

 78AA87

 89AA93

 9AAA9F

 ABAAAB

 BCAAB7

 CDAAC3

Harmonies

Analogous

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



82A02B



34AA57



00AE8D

Triad

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



34AA57



009DFF



F56768

Complementary

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



34AA57



AA3487

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.



F2629E



34AA57



8B8AF6

Square

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



34AA57



00A9EF



D172D1



DE7B3A

Rectangle

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



34AA57



00AFB3



D172D1



F76379

Sweetspot

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



34AA57



AFDEBD



89AA34



54705C



F0F0F0



707070

Same Dimension

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



34AA57



26DE5C



34AA90



4C544E



00942C



001406

Inverse Universe

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



AA3487



DE26A7



AA344E



544C52



940068



14000E

Previews

White Background



This preview shows how the Hex color 34AA57 looks on a white background.

Color Contrast Check

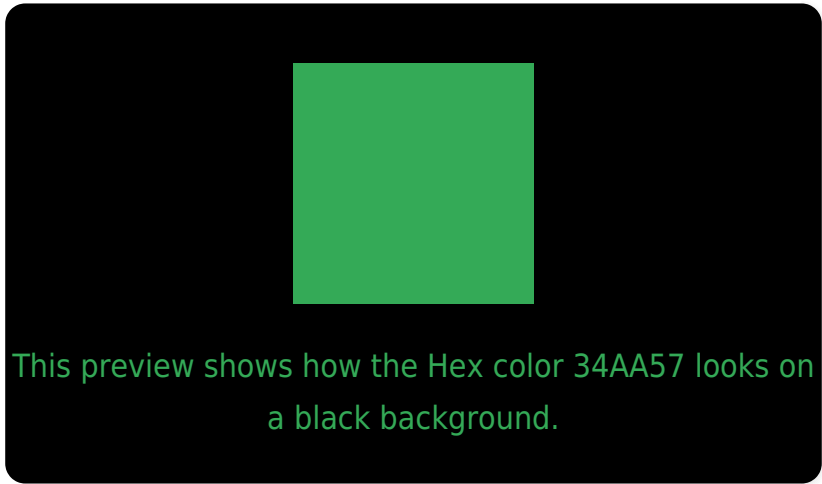
Large Text (above 18pt) WCAG AA × Fail

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 34AA57 Background



This preview shows how black text looks on a background with the Hex color 34AA57.

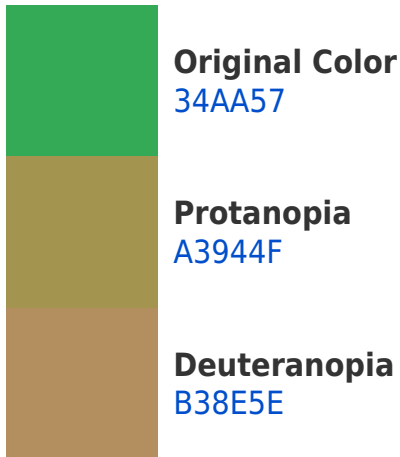


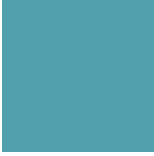
This preview shows how white text looks on a background with the Hex color 34AA57.

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
51A0AD

Trichromacy



Original Color

34AA57



Protanomaly

7B9C52



Deuteranomaly

85985B



Tritanomaly

46A48E

Monochromacy



Original Color

34AA57



Achromatopsia

7D7D7D



Achromatomaly

628D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 34AA57 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 #34AA57 looks like.

```
.text, #text, p{  
  color:#34AA57  
}
```

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 #34AA57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34AA57
}
```

Border

The CSS property to change the border of an element to Hex 34AA57 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
#34AA57 }
```

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

```
.border{ border-color:#34AA57 }
```

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

Here you see how a box with a 4 pixel #34AA57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34AA57; -webkit-box-shadow:4px 4px  
4px 4px #34AA57; box-shadow:4px 4px 4px  
4px #34AA57 }
```

Background

The CSS property to change the background color of an element to Hex 34AA57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34AA57 }
```

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

```
.background{ background-color:#34AA57 }
```

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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