

Converting Colors

Hex(34AA59)

Have a look what the booklet for
Hex(34AA59) contains.

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Color

Hex(34AA59)

Conversions

Conversions Part 1

Format	Color
Hex	34AA59
RGB	52, 170, 89
RGB Percent	20%, 67%, 35%
CMY	0.7961, 0.3333, 0.6510
CMYK	0.69, 0.00, 0.48, 0.33
HSL	139°, 53%, 44%
HSV	139°, 69%, 67%
XYZ	17.5941, 30.2008, 14.3532
YIQ	125.4840, -44.3270, -50.2070

Conversions

Conversions Part 2

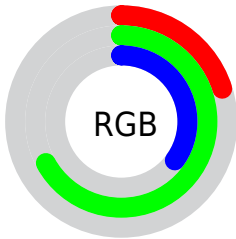
Format	Color
RYB	52, 142, 170
Decimal	3451481
CIELab	61.83, -50.50, 32.40
CIELCh	62, 60.003, 147.321
Yxy	30.2008, 0.2831, 0.4859
Android (android.graphics.Color)	4281641561 (0xFF34AA59)
YUV	125.4840, -17.9866, -64.4455
Hunter-Lab	54.9552, -39.0244, 22.9833

Details

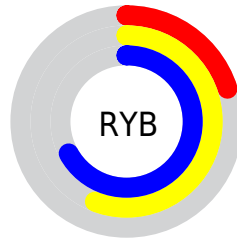
The Hex color **34AA59** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA3485**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **71E28C**, and **007529** is the 20% darker color. If you saturate the color by 10%, you get **23AA4D**, and if you desaturate by 10%, it is **45AA65**.

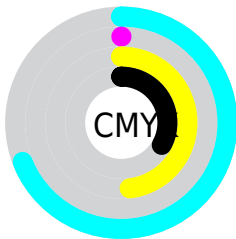
Distribution



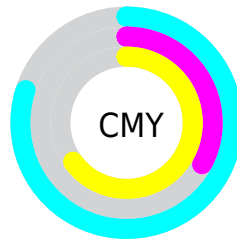
- Red (20%)
- Green (67%)
- Blue (35%)



- Red (20%)
- Yellow (56%)
- Blue (67%)



- Cyan (69%)
- Magenta (0%)
- Yellow (48%)
- Black (33%)



- Cyan (80%)
- Magenta (33%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34AA59 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 34AA59 by changing the saturation by 10% instead.

 34AA59

 34AA59

FFFFFF

 018F41

 71E28C

 007529

 8EFA7

 005B10

 ABFFC3

 004200

 C9FFDF

 002D00

 E6FFFC

 000C00

 000000

 34AA59

 34AA59

 23AA4D

 45AA65

■ 12AA42

■ 56AA70

■ 01AA36

■ 67AA7C

■ 00AA35

■ 78AA88

■ 89AA93

■ 9AAA9F

■ ABAAAB

■ BCAAB6

■ CDAAC2

Harmonies

Analogous

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



81A12E



34AA59



00AE8F

Triad

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



34AA59



009DFF



F46968

Complementary

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



34AA59



AA3485

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.



F2639C



34AA59



8D89F4

Square

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



34AA59



00A9EE



D172D0



DD7C3B

Rectangle

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



34AA59



00AFB3



D172D0



F66579

Sweetspot

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



34AA59



AFDEBE



87AA34



54705D



F0F0F0



707070

Same Dimension

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



34AA59



26DE5F



34AA92



4C544E



00942E



001406

Inverse Universe

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



AA3485



DE26A4



AA344C



544C52



940066



14000E

Previews

White Background



This preview shows how the Hex color 34AA59 looks on a white background.

Color Contrast Check

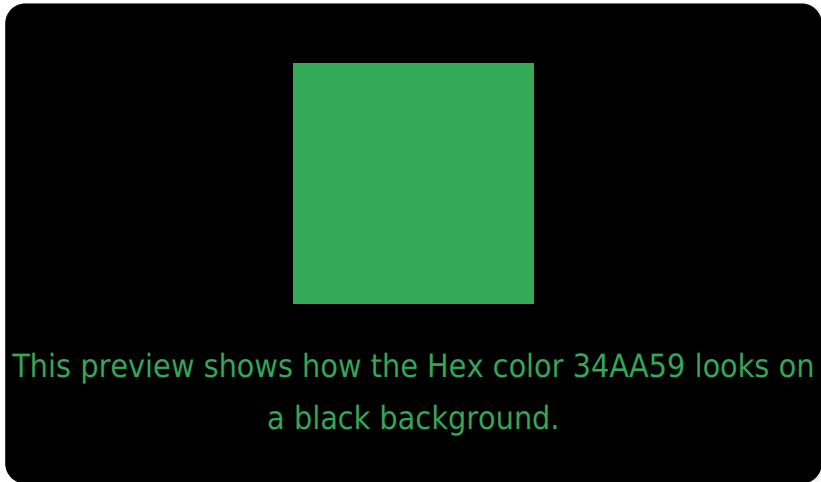
Large Text (above 18pt) WCAG AA × Fail

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

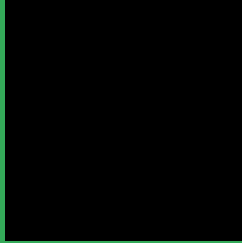
Any Text WCAG AA ✓ Pass

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 34AA59 Background



This preview shows how black text looks on a background with the Hex color 34AA59.

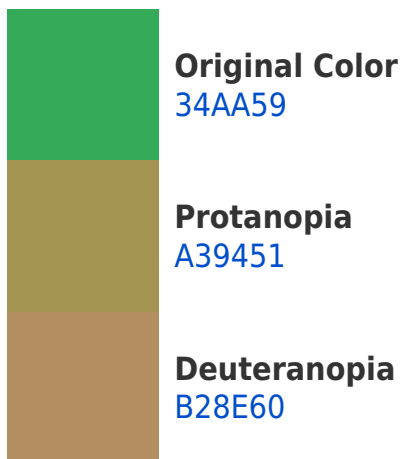


This preview shows how white text looks on a background with the Hex color 34AA59.

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
50A1AE

Trichromacy



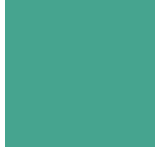
Original Color
34AA59



Protanomaly
7B9C54



Deuteranomaly
84985D



Tritanomaly
46A48F

Monochromacy



Original Color
34AA59



Achromatopsia
7D7D7D



Achromatomaly
628D70

CSS Examples

Text

The CSS property to change the color of the text to Hex 34AA59 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 #34AA59 looks like.

```
.text, #text, p{  
    color:#34AA59  
}
```

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 #34AA59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34AA59
}
```

Border

The CSS property to change the border of an element to Hex 34AA59 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
#34AA59 }
```

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

```
.border{ border-color:#34AA59 }
```

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

Here you see how a box with a 4 pixel #34AA59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34AA59; -webkit-box-shadow:4px 4px  
4px 4px #34AA59; box-shadow:4px 4px 4px  
4px #34AA59 }
```

Background

The CSS property to change the background color of an element to Hex 34AA59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34AA59 }
```

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

```
.background{ background-color:#34AA59 }
```

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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