

Converting Colors

Hex(34AC5F)

Have a look what the booklet for
Hex(34AC5F) contains.

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Color

Hex(34AC5F)

Conversions

Conversions Part 1

Format	Color
Hex	34AC5F
RGB	52, 172, 95
RGB Percent	20%, 67%, 37%
CMY	0.7961, 0.3255, 0.6275
CMYK	0.70, 0.00, 0.45, 0.33
HSL	142°, 54%, 44%
HSV	142°, 70%, 67%
XYZ	18.2343, 31.0613, 15.8609
YIQ	127.3420, -46.8030, -49.3870

Conversions

Conversions Part 2

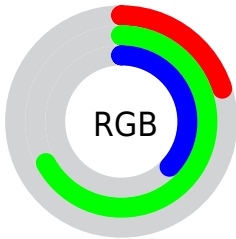
Format	Color
RYB	52, 140, 172
Decimal	3451999
CIELab	62.56, -50.25, 30.21
CIELCh	63, 58.631, 148.980
Yxy	31.0613, 0.2799, 0.4767
Android (android.graphics.Color)	4281642079 (0xFF34AC5F)
YUV	127.3420, -15.9446, -66.0749
Hunter-Lab	55.7327, -39.1318, 22.1397

Details

The Hex color **34AC5F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC3481**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **72E492**, and **00762F** is the 20% darker color. If you saturate the color by 10%, you get **23AC54**, and if you desaturate by 10%, it is **45AC6A**.

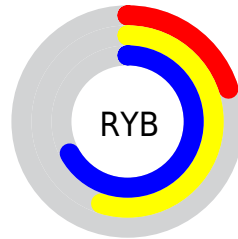
Distribution



Red (20%)

Green (67%)

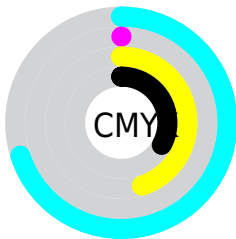
Blue (37%)



Red (20%)

Yellow (55%)

Blue (67%)

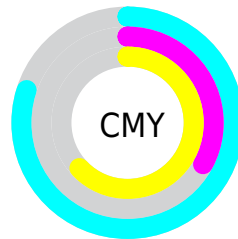


Cyan (70%)

Magenta (0%)

Yellow (45%)

Black (33%)



Cyan (80%)

Magenta (33%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34AC5F 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 34AC5F by changing the saturation by 10% instead.

 34AC5F

 34AC5F

FFFFFF

 009147

 72E492

 00762F

 8FFFAD

 005D17

 ACFFC9

 004400

 C9FFE5

 002E00

 E7FFFF

 001000

 000000

 34AC5F

 34AC5F

 23AC54

 45AC6A

■ 12AC49

■ 56AC75

■ 00AC3E

■ 68AC80

■ 79AC8B

■ 8AAC96

■ 9BACA1

■ ACACAC

■ BEACB7

■ CFACC2

Harmonies

Analogous

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



80A335



34AC5F



00B094

Triad

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



34AC5F



009EFF



F36D68

Complementary

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



34AC5F



AC3481

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.



F3679B



34AC5F



958AF3

Square

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



34AC5F



00AAF0



D574CE



DC803D

Rectangle

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



34AC5F



00B0B8



D574CE



F66978

Sweetspot

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



34AC5F



B1E0C2



82AC34



54705E



F0F0F0



707070

Same Dimension

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



34AC5F



24E067



34AC9A



4E5751



009636



001708

Inverse Universe

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



AC3481



E0249D



AC3446



574E54



960061



17000F

Previews

White Background



This preview shows how the Hex color 34AC5F looks on a white background.

Color Contrast Check

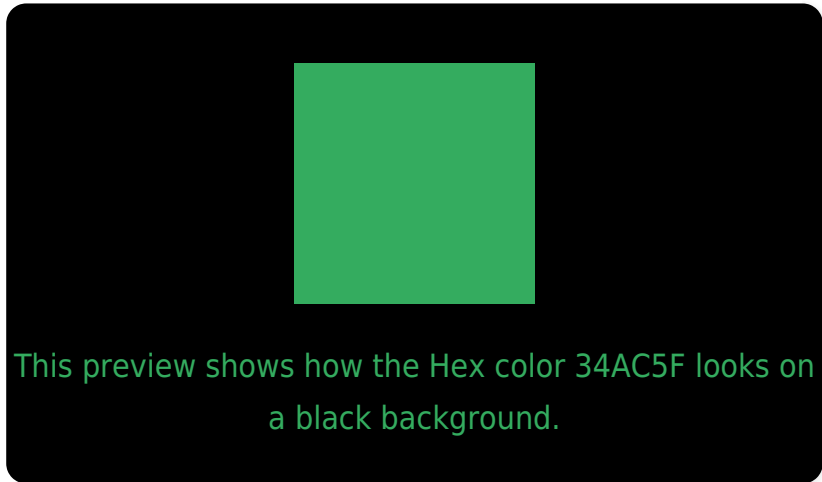
Large Text (above 18pt) WCAG AA × Fail

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 34AC5F Background



This preview shows how black text looks on a background with the Hex color 34AC5F.



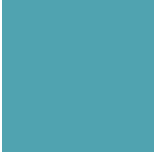
This preview shows how white text looks on a background with the Hex color 34AC5F.

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](#).

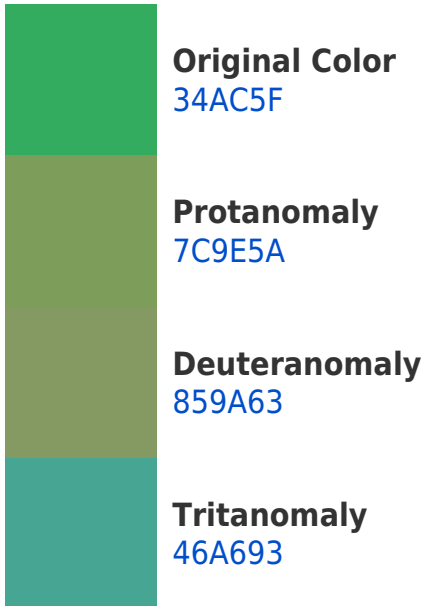
Dichromacy



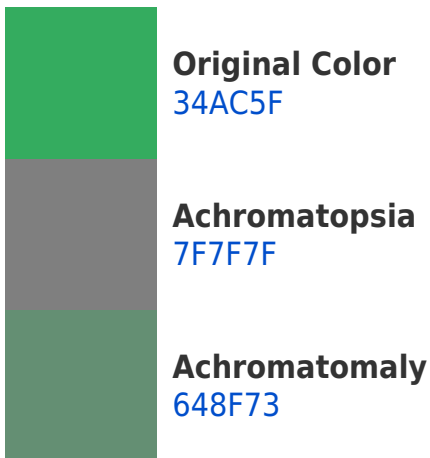


Tritanopia
50A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34AC5F 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 #34AC5F looks like.

```
.text, #text, p{  
    color:#34AC5F  
}
```

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 #34AC5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34AC5F
}
```

Border

The CSS property to change the border of an element to Hex 34AC5F 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
#34AC5F }
```

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

```
.border{ border-color:#34AC5F }
```

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

Here you see how a box with a 4 pixel #34AC5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34AC5F; -webkit-box-shadow:4px 4px  
4px 4px #34AC5F; box-shadow:4px 4px 4px  
4px #34AC5F }
```

Background

The CSS property to change the background color of an element to Hex 34AC5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34AC5F }
```

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

```
.background{ background-color:#34AC5F }
```

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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