

Converting Colors

Hex(3CAF5E)

Have a look what the booklet for
Hex(3CAF5E) contains.

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Color

Hex(3CAF5E)

Conversions

Conversions Part 1

Format	Color
Hex	3CAF5E
RGB	60, 175, 94
RGB Percent	24%, 69%, 37%
CMY	0.7647, 0.3137, 0.6314
CMYK	0.66, 0.00, 0.46, 0.31
HSL	138°, 49%, 46%
HSV	138°, 66%, 69%
XYZ	19.2138, 32.4288, 15.8364
YIQ	131.3810, -42.5390, -49.5710

Conversions

Conversions Part 2

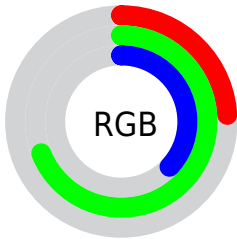
Format	Color
RYB	60, 149, 175
Decimal	3977054
CIELab	63.70, -50.07, 32.23
CIELCh	64, 59.545, 147.233
Yxy	32.4288, 0.2847, 0.4806
Android (android.graphics.Color)	4282167134 (0xFF3CAF5E)
YUV	131.3810, -18.4288, -62.6011
Hunter-Lab	56.9463, -39.4295, 23.3742




Details

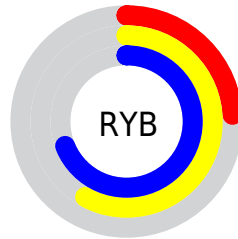
The Hex color **3CAF5E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AF3C8D**, and the grayscale version is **848484**.




A 20% lighter version of the original color is **78E892**, and **00792E** is the 20% darker color. If you saturate the color by 10%, you get **2BAF52**, and if you desaturate by 10%, it is **4EAF6A**.

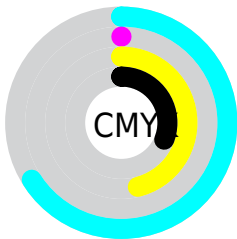
Distribution







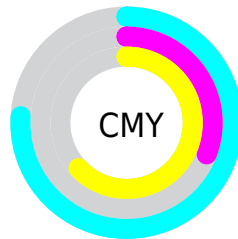
-  Red (24%)
-  Green (69%)
-  Blue (37%)






-  Red (24%)
-  Yellow (58%)
-  Blue (69%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (46%)
-  Black (31%)



-  Cyan (76%)
-  Magenta (31%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CAF5E 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 3CAF5E by changing the saturation by 10% instead.

 3CAF5E

 3CAF5E

FFFFFF

 149445

 78E892

 00792E

 95FFAC

 006016

 B2FFC8

 004700

 CFFFE4

 003000

 EDFFFF

 001500

 000000

 3CAF5E

 3CAF5E

 2BAF52

 4EAF6A

 19AF45

 5FAF77

 08AF39

 71AF83

 00AF34

 82AF8F

 94AF9C

 A5AFA8

 B7AFB4

 C8AFC1

 DAAFCD

Harmonies

Analogous

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



86A534



3CAF5E



00B393

Triad

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



3CAF5E



00A2FF



F96E6D

Complementary

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



3CAF5E



AF3C8D

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.



F769A1



3CAF5E



928EF9

Square

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



3CAF5E



00AEF3



D678D5



E28141

Rectangle

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



3CAF5E



00B4B8



D678D5



FB6A7E

Sweetspot

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



3CAF5E



B6E3C3



8EAF3C



57735F



F2F2F2



737373

Same Dimension

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



3CAF5E



30E365



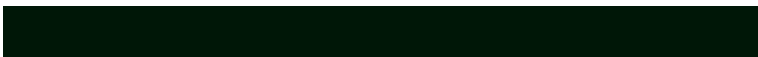
3CAF96



4E5751



00962C



001707

Inverse Universe

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



AF3C8D



E330AE



AF3C55



574E54



96006A



170010

Previews

White Background



This preview shows how the Hex color 3CAF5E looks on a white background.

Color Contrast Check

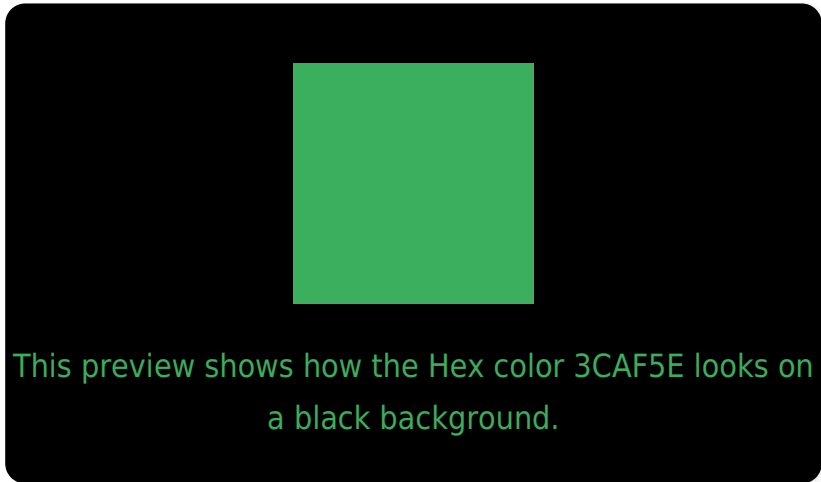
Large Text (above 18pt) WCAG AA × Fail

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 3CAF5E Background



This preview shows how black text looks on a background with the Hex color 3CAF5E.



This preview shows how white text looks on a background with the Hex color 3CAF5E.

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](#).

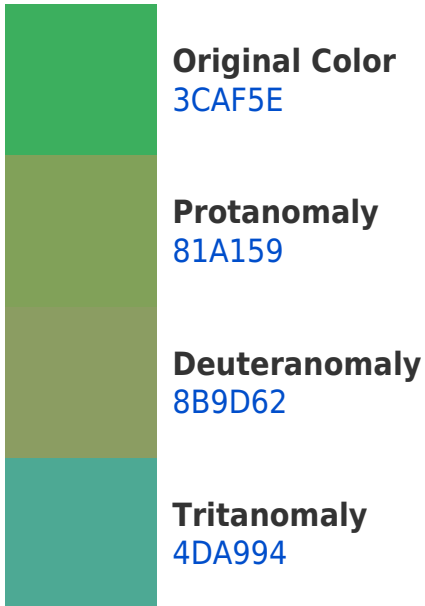
Dichromacy



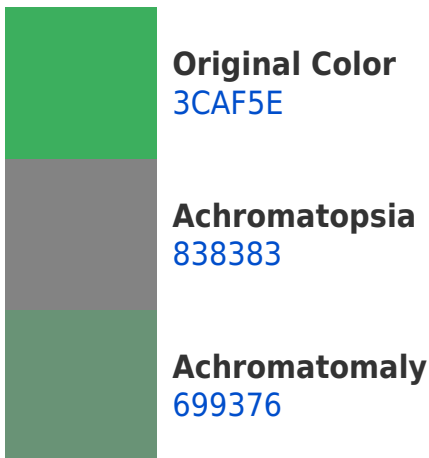


Tritanopia
56A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CAF5E 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 #3CAF5E looks like.

```
.text, #text, p{  
    color:#3CAF5E  
}
```

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 #3CAF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAF5E
}
```

Border

The CSS property to change the border of an element to Hex 3CAF5E 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
#3CAF5E }
```

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

```
.border{ border-color:#3CAF5E }
```

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

Here you see how a box with a 4 pixel #3CAF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAF5E; -webkit-box-shadow:4px 4px  
4px 4px #3CAF5E; box-shadow:4px 4px 4px  
4px #3CAF5E }
```

Background

The CSS property to change the background color of an element to Hex 3CAF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAF5E }
```

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

```
.background{ background-color:#3CAF5E }
```

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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