

# Converting Colors

Hex(55AA5F)

Have a look what the booklet for  
Hex(55AA5F) contains.

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# Color

Hex(55AA5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	55AA5F
RGB	85, 170, 95
RGB Percent	33%, 67%, 37%
CMY	0.6667, 0.3333, 0.6275
CMYK	0.50, 0.00, 0.44, 0.33
HSL	127°, 33%, 50%
HSV	127°, 50%, 67%
XYZ	20.1866, 31.5070, 15.8440
YIQ	136.0350, -26.5850, -41.3450

# Conversions

## Conversions Part 2

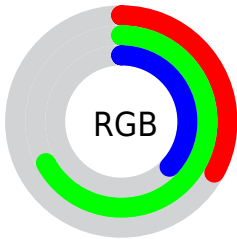
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 161, 170
Decimal	5614175
CIELab	62.93, -41.91, 30.90
CIELCh	63, 52.070, 143.604
Yxy	31.5070, 0.2989, 0.4665
Android (android.graphics.Color)	4283804255 (0xFF55AA5F)
YUV	136.0350, -20.2303, -44.7577
Hunter-Lab	56.1311, -34.0348, 22.5561

# Details

The Hex color **55AA5F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA55A0**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8CE292**, and **19752F** is the 20% darker color. If you saturate the color by 10%, you get **44AA50**, and if you desaturate by 10%, it is **66AA6E**.

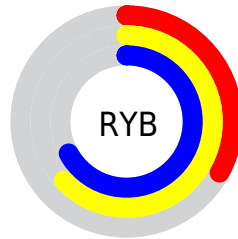
# Distribution



Red (33%)

Green (67%)

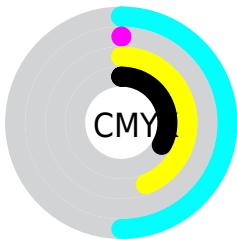
Blue (37%)



Red (33%)

Yellow (63%)

Blue (67%)

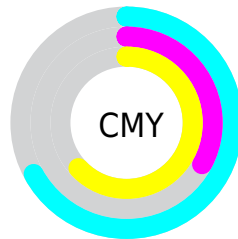


Cyan (50%)

Magenta (0%)

Yellow (44%)

Black (33%)



Cyan (67%)

Magenta (33%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55AA5F 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 55AA5F by changing the saturation by 10% instead.



 55AA5F

 55AA5F

FFFFFF

 398F46

 8CE292

 19752F

 A8FFAD

 005C17

 C4FFC9

 004300

 E1FFE5

 002D00

 001200

 000000

 55AA5F

 55AA5F

 44AA50

 66AA6E

 33AA41

 77AA7D

 22AA32

 88AA8C

 11AA23

 99AA9B

 00AA14

 AAAAAA

 BBAAB9

 CCAAC8

 DDAAD7

 EEAAE6

# Harmonies

## Analogous

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



8EA13E



55AA5F



00AF8C

# Triad

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



55AA5F



00A0F4



ED7276

# Complementary

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



55AA5F



AA55A0

# 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.



E870A4



55AA5F



8A90ED

# Square

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



55AA5F



00ABE2



C87DD0



DC814F

# Rectangle

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



55AA5F



00AFAD



C87DD0



EE7085



# Sweetspot

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



55AA5F



BDDEC0



A0AA55



5C705E



F0F0F0



707070



# Same Dimension

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



55AA5F



59DE68



55AA89



4C544D



009411



001402



# Inverse Universe

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



AA55A0



DE59CE



AA5576



544C53



940083



140012



# Previews

## White Background



This preview shows how the Hex color 55AA5F looks on a white background.

## Color Contrast Check

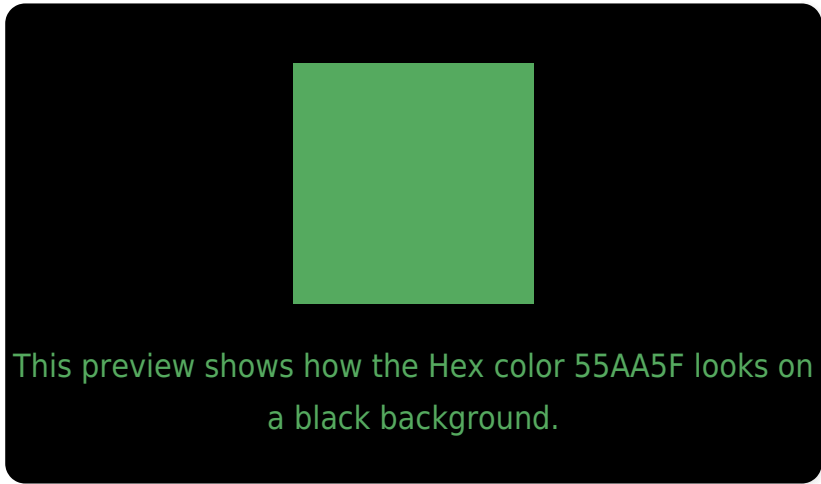
Large Text (above 18pt) WCAG AA × Fail

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 55AA5F Background



This preview shows how black text looks on a background with the Hex color 55AA5F.

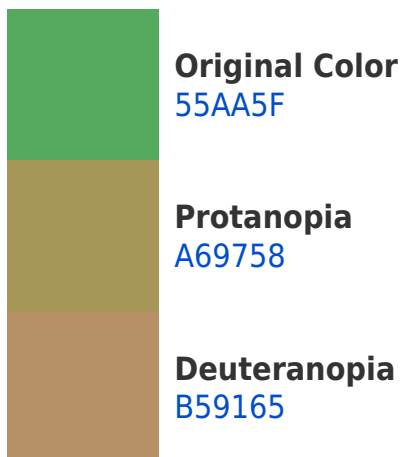


This preview shows how white text looks on a background with the Hex color 55AA5F.

# 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](#).

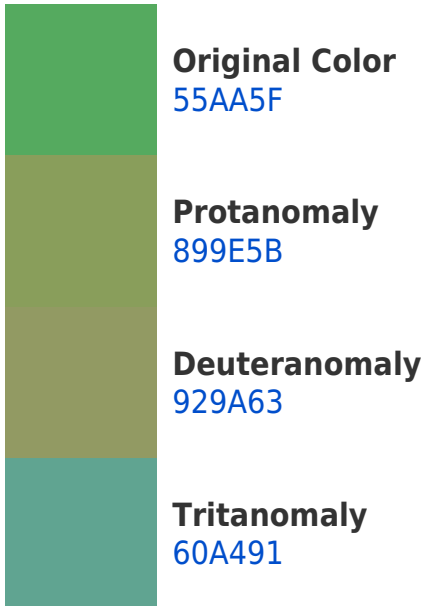
## Dichromacy





**Tritanopia**  
67A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55AA5F 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 #55AA5F looks like.

```
.text, #text, p{  
    color:#55AA5F  
}
```

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 #55AA5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55AA5F
}
```

## Border

The CSS property to change the border of an element to Hex 55AA5F 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
#55AA5F }
```

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

```
.border{ border-color:#55AA5F }
```

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

Here you see how a box with a 4 pixel #55AA5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55AA5F; -webkit-box-shadow:4px 4px  
4px 4px #55AA5F; box-shadow:4px 4px 4px  
4px #55AA5F }
```

# Background

The CSS property to change the background color of an element to Hex 55AA5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55AA5F }
```

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

```
.background{ background-color:#55AA5F }
```

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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