

# Converting Colors

Hex(53AE57)

Have a look what the booklet for  
Hex(53AE57) contains.

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**Color**

**Hex(53AE57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53AE57
RGB	83, 174, 87
RGB Percent	33%, 68%, 34%
CMY	0.6745, 0.3176, 0.6588
CMYK	0.52, 0.00, 0.50, 0.32
HSL	123°, 36%, 50%
HSV	123°, 52%, 68%
XYZ	20.4236, 32.7992, 14.2713
YIQ	136.8730, -26.3090, -46.3490

# Conversions

## Conversions Part 2

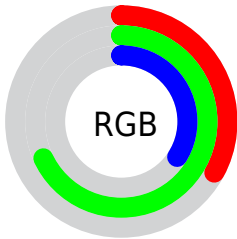
Format	Color
<a href="#">RYB</a>	<a href="#">83, 170, 174</a>
Decimal	<a href="#">5484119</a>
CIELab	<a href="#">64.00, -45.34, 36.33</a>
CIELCh	<a href="#">64, 58.102, 141.291</a>
Yxy	<a href="#">32.7992, 0.3026, 0.4860</a>
Android (android.graphics.Color)	<a href="#">4283674199 (0xFF53AE57)</a>
YUV	<a href="#">136.8730, -24.5874, -47.2466</a>
Hunter-Lab	<a href="#">57.2706, -36.5676, 25.3149</a>

# Details

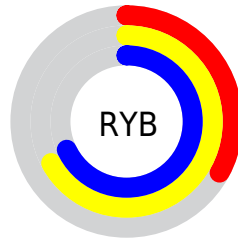
The Hex color **53AE57** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AE53AA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8BE68A**, and **127926** is the 20% darker color. If you saturate the color by 10%, you get **42AE46**, and if you desaturate by 10%, it is **64AE68**.

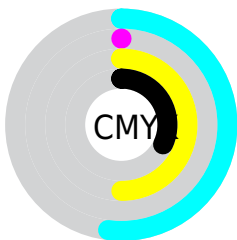
# Distribution



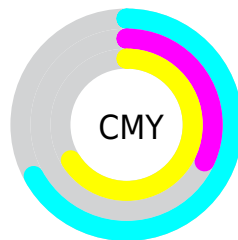
- Red (33%)
- Green (68%)
- Blue (34%)



- Red (33%)
- Yellow (67%)
- Blue (68%)



- Cyan (52%)
- Magenta (0%)
- Yellow (50%)
- Black (32%)



- Cyan (67%)
- Magenta (32%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53AE57 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 53AE57 by changing the saturation by 10% instead.



 53AE57

 53AE57


FFFFFF

 36933E

 8BE68A

 127926

 A7FFA5

 005F0C

 C4FFC1

 004600

 E1FFDD

 002F00

 FFFFFA

 001700

 000000

 53AE57

 53AE57

 42AE46

 64AE68

 30AE36

 76AE78

 1FAE25

 87AE89

 0DAE14

 99AE9A

 00AE08

 AAAEAA

 BBAEBB

 CDAECB

 DEAEDC

 FOAEED

# Harmonies

## Analogous

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



93A332



53AE57



00B38A

# Triad

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



53AE57



00A5FF



FA6E78

# Complementary

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



53AE57



AE53AA

# 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.



F26DAC



53AE57



8294FC

# Square

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



53AE57



00B0EB



CB7EDD



E87F4B

# Rectangle

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



53AE57



00B4AE



CB7EDD



FA6C89



# Sweetspot

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



53AE57



BFE3C0



ABAE53



5D735E



F2F2F2



737373



# Same Dimension

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



53AE57



54E35A



53AE84



4E574E



009607



001701



# Inverse Universe

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



AE53AA



E354DD



AE537D



574E56



960090



170016



# Previews

## White Background



This preview shows how the Hex color 53AE57 looks on a white background.

## Color Contrast Check

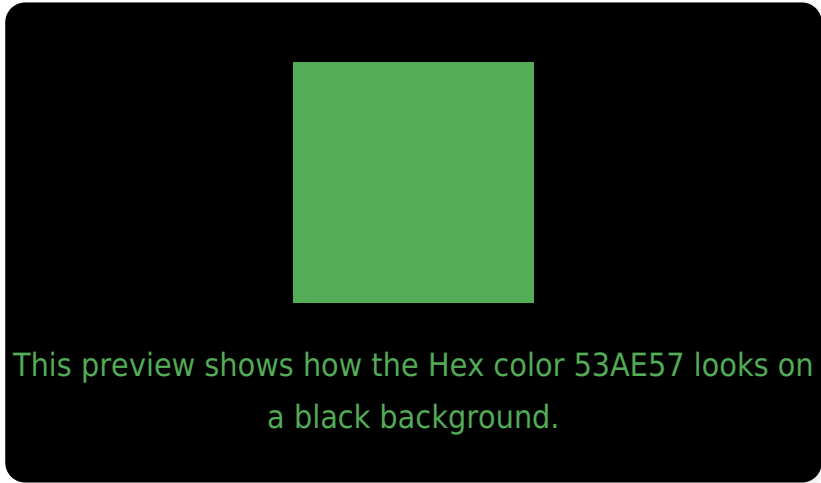
Large Text (above 18pt) WCAG AA × Fail

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

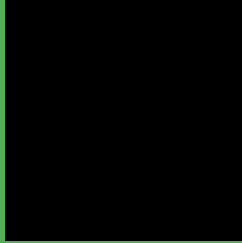
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53AE57 Background



This preview shows how black text looks on a background with the Hex color 53AE57.

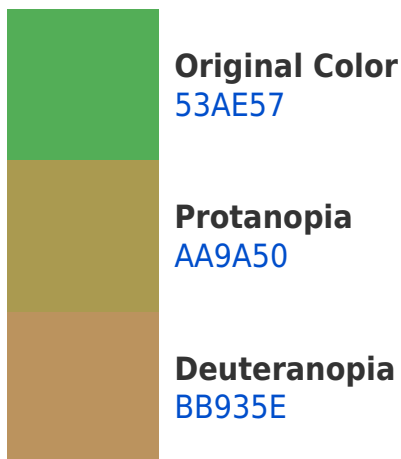


This preview shows how white text looks on a background with the Hex color 53AE57.

# 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**  
67A4B1

# Trichromacy



**Original Color**  
53AE57



**Protanomaly**  
8AA153



**Deuteranomaly**  
959D5B



**Tritanomaly**  
60A890

# Monochromacy



**Original Color**  
53AE57



**Achromatopsia**  
898989



**Achromatomaly**  
759677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53AE57 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 #53AE57 looks like.

```
.text, #text, p{  
    color:#53AE57  
}
```

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 #53AE57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AE57
}
```

## Border

The CSS property to change the border of an element to Hex 53AE57 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
#53AE57 }
```

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

```
.border{ border-color:#53AE57 }
```

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

Here you see how a box with a 4 pixel #53AE57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AE57; -webkit-box-shadow:4px 4px  
4px 4px #53AE57; box-shadow:4px 4px 4px  
4px #53AE57 }
```

# Background

The CSS property to change the background color of an element to Hex 53AE57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AE57 }
```

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

```
.background{ background-color:#53AE57 }
```

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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