

# Converting Colors

Hex(54AE66)

Have a look what the booklet for  
Hex(54AE66) contains.

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**Color**

**Hex(54AE66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54AE66
RGB	84, 174, 102
RGB Percent	33%, 68%, 40%
CMY	0.6706, 0.3176, 0.6000
CMYK	0.52, 0.00, 0.41, 0.32
HSL	132°, 36%, 51%
HSV	132°, 52%, 68%
XYZ	21.1905, 33.1162, 17.8456
YIQ	138.8820, -30.5280, -41.4720

# Conversions

## Conversions Part 2

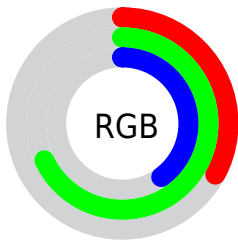
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 159, 174
Decimal	5549670
CIELab	64.25, -42.74, 28.92
CIElCh	64, 51.608, 145.919
Yxy	33.1162, 0.2937, 0.4590
Android (android.graphics.Color)	4283739750 (0xFF54AE66)
YUV	138.8820, -18.1828, -48.1315
Hunter-Lab	57.5467, -34.9775, 21.8965

# Details

The Hex color **54AE66** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE549C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8BE69A**, and **157936** is the 20% darker color. If you saturate the color by 10%, you get **43AE58**, and if you desaturate by 10%, it is **65AE74**.

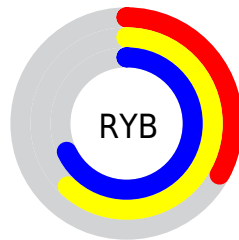
# Distribution



Red (33%)

Green (68%)

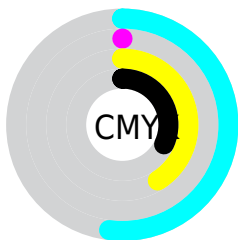
Blue (40%)



Red (33%)

Yellow (62%)

Blue (68%)

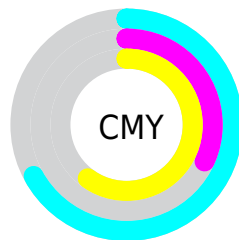


Cyan (52%)

Magenta (0%)

Yellow (41%)

Black (32%)



Cyan (67%)

Magenta (32%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54AE66 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 54AE66 by changing the saturation by 10% instead.



 54AE66

 54AE66

FFFFFF

 37934D

 8BE69A

 157936

 A8FFB5

 005F1E

 C4FFD1

 004706

 E1FFED

 002F00

 001700

 000000

 54AE66

 54AE66

 43AE58

 65AE74

 31AE4A

 77AE82

 20AE3C

 88AE90

 0EAE2E

 9AAE9E

 00AE23

 ABAEAC

 BCAEBA

 CEAEC7

 DFAED5

 F1AEE3

# Harmonies

## Analogous

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



8EA544



54AE66



00B294

# Triad

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



54AE66



20A3F7



F07776

# Complementary

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



54AE66



AE549C

# 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.



ED74A4



54AE66



9492EF

# Square

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



54AE66



00ADE7



CE80D0



DE8650

# Rectangle

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



54AE66



00B3B4



CE80D0



F27485



# Sweetspot

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



54AE66



BFE3C6



9CAE54



5D7361



F2F2F2



737373



# Same Dimension

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



54AE66



56E372



54AE93



4E5750



00961E



001705



# Inverse Universe

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



AE549C



E356C7



AE546F



574E55



960078



170012



# Previews

## White Background



This preview shows how the Hex color 54AE66 looks on a white background.

## Color Contrast Check

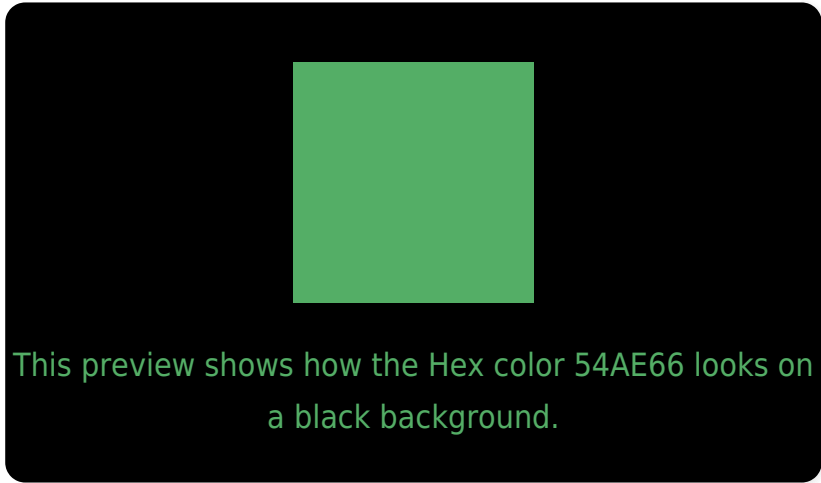
Large Text (above 18pt) WCAG AA × Fail

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

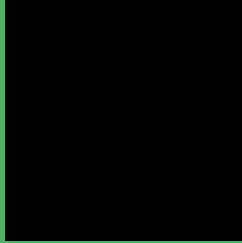
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54AE66 Background



This preview shows how black text looks on a background with the Hex color 54AE66.



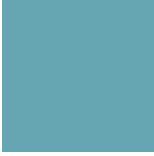
This preview shows how white text looks on a background with the Hex color 54AE66.

# 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**  
66A5B2

# Trichromacy



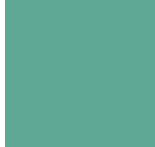
**Original Color**  
54AE66



**Protanomaly**  
8AA262



**Deuteranomaly**  
949D6A



**Tritanomaly**  
5FA896

# Monochromacy



**Original Color**  
54AE66



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
77987E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54AE66 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 #54AE66 looks like.

```
.text, #text, p{  
    color:#54AE66  
}
```

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 #54AE66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54AE66  
}
```

## Border

The CSS property to change the border of an element to Hex 54AE66 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  
#54AE66 }
```

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

```
.border{ border-color:#54AE66 }
```

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

Here you see how a box with a 4 pixel #54AE66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54AE66; -webkit-box-shadow:4px 4px  
4px 4px #54AE66; box-shadow:4px 4px 4px  
4px #54AE66 }
```

# Background

The CSS property to change the background color of an element to Hex 54AE66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54AE66 }
```

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

```
.background{ background-color:#54AE66 }
```

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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