

# Converting Colors

Hex(54A368)

Have a look what the booklet for  
Hex(54A368) contains.

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**Color**

**Hex(54A368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54A368
RGB	84, 163, 104
RGB Percent	33%, 64%, 41%
CMY	0.6706, 0.3608, 0.5922
CMYK	0.48, 0.00, 0.36, 0.36
HSL	135°, 32%, 48%
HSV	135°, 48%, 64%
XYZ	19.2520, 29.0787, 17.6948
YIQ	132.6530, -28.1450, -35.0970

# Conversions

## Conversions Part 2

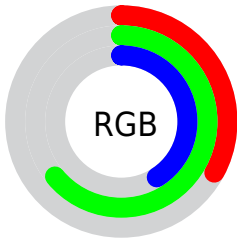
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 147, 163
Decimal	5546856
CIELab	60.85, -37.61, 23.36
CIElCh	61, 44.277, 148.158
Yxy	29.0787, 0.2916, 0.4404
Android (android.graphics.Color)	4283736936 (0xFF54A368)
YUV	132.6530, -14.1259, -42.6687
Hunter-Lab	53.9247, -30.6405, 18.2919

# Details

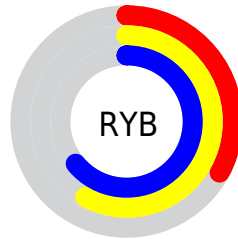
The Hex color **54A368** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A3548F**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8ADA9C**, and **1B6E38** is the 20% darker color. If you saturate the color by 10%, you get **44A35C**, and if you desaturate by 10%, it is **64A374**.

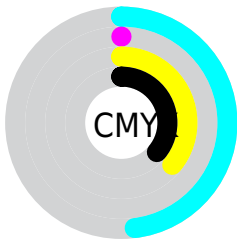
# Distribution



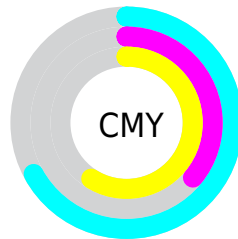
- Red (33%)
- Green (64%)
- Blue (41%)



- Red (33%)
- Yellow (58%)
- Blue (64%)



- Cyan (48%)
- Magenta (0%)
- Yellow (36%)
- Black (36%)



- Cyan (67%)
- Magenta (36%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54A368 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 54A368 by changing the saturation by 10% instead.



 54A368

 54A368

FFFFFF

 398850

 8ADA9C

 1B6E38

 A6F7B7

 005622

 C2FFD2

 003D0C

 DFFFEF

 002800

 FCFFFF

 000600

 000000

 54A368

 54A368

 44A35C

 64A374

 33A350

 75A380

 23A343

 85A38D

 13A337

 95A399

 03A32B

 A5A3A5

 00A329

 B6A3B1

 C6A3BD

 D6A3C9

 E7A3D6

# Harmonies

## Analogous

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



859B4B



54A368



00A78F

# Triad

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



54A368



4798E1



DB7570

# Complementary

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



54A368



A3548F

# 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.



D97297



54A368



928AD8

# Square

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



54A368



00A1D4



C17BBD



CA8251

# Rectangle

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



54A368



00A7AA



C17BBD



DD737D



# Sweetspot

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



54A368



B4D4BC



8FA354



586B5D



EBEBEB



6B6B6B



# Same Dimension

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



54A368



59D478



54A38F



49524C



009125



001205



# Inverse Universe

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



A3548F



D459B5



A35468



524950



91006D



12000D



# Previews

## White Background



This preview shows how the Hex color 54A368 looks on a white background.

## Color Contrast Check

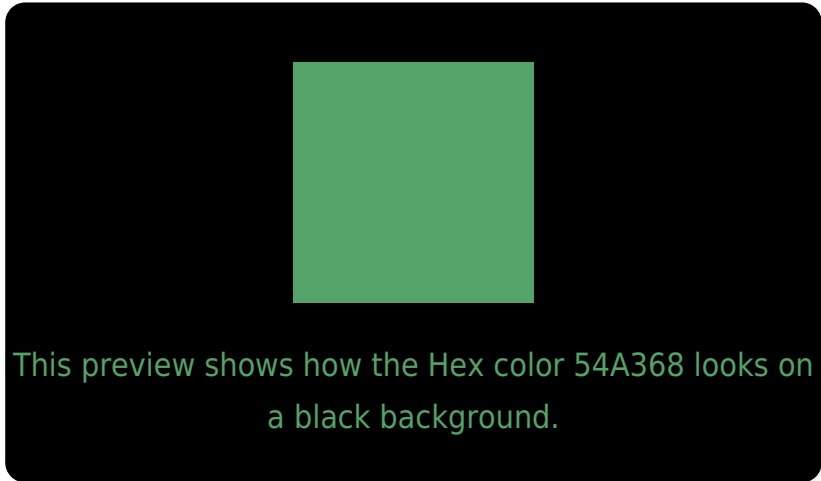
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 54A368 Background



This preview shows how black text looks on a background with the Hex color 54A368.

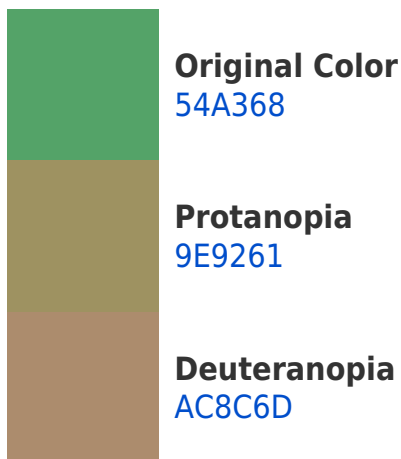


This preview shows how white text looks on a background with the Hex color 54A368.

# 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](#).

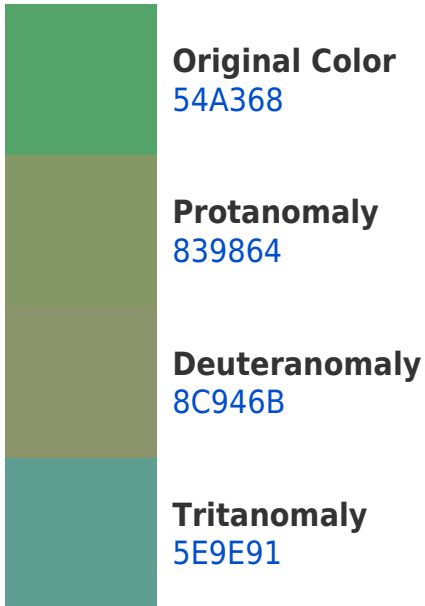
## Dichromacy



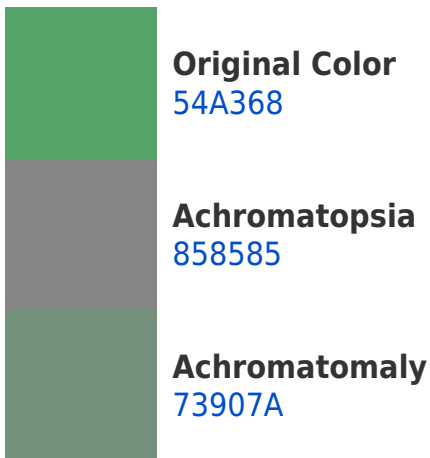


**Tritanopia**  
639BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54A368 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 #54A368 looks like.

```
.text, #text, p{  
    color:#54A368  
}
```

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 #54A368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54A368
}
```

## Border

The CSS property to change the border of an element to Hex 54A368 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
#54A368 }
```

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

```
.border{ border-color:#54A368 }
```

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

Here you see how a box with a 4 pixel #54A368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54A368; -webkit-box-shadow:4px 4px  
4px 4px #54A368; box-shadow:4px 4px 4px  
4px #54A368 }
```

# Background

The CSS property to change the background color of an element to Hex 54A368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54A368 }
```

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

```
.background{ background-color:#54A368 }
```

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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