

# Converting Colors

Hex(51A969)

Have a look what the booklet for  
Hex(51A969) contains.

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**Color**

**Hex(51A969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51A969
RGB	81, 169, 105
RGB Percent	32%, 66%, 41%
CMY	0.6824, 0.3373, 0.5882
CMYK	0.52, 0.00, 0.38, 0.34
HSL	136°, 35%, 49%
HSV	136°, 52%, 66%
XYZ	20.1311, 31.1452, 18.3152
YIQ	135.3920, -31.9040, -38.5600

# Conversions

## Conversions Part 2

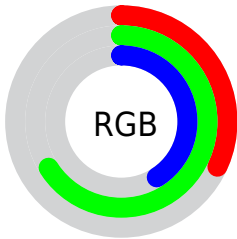
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">81, 150, 169</a>
Decimal	<a href="#">5351785</a>
CIELab	<a href="#">62.63, -40.88, 25.17</a>
CIElCh	<a href="#">63, 48.004, 148.383</a>
Yxy	<a href="#">31.1452, 0.2893, 0.4475</a>
Android (android.graphics.Color)	<a href="#">4283541865 (0xFF51A969)</a>
YUV	<a href="#">135.3920, -14.9833, -47.7018</a>
Hunter-Lab	<a href="#">55.8079, -33.2750, 19.6075</a>

# Details

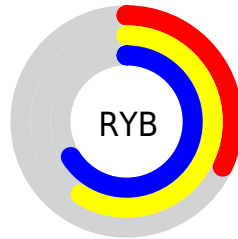
The Hex color **51A969** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A95191**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **88E19D**, and **127439** is the 20% darker color. If you saturate the color by 10%, you get **40A95D**, and if you desaturate by 10%, it is **62A975**.

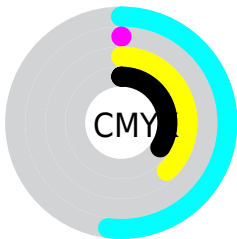
# Distribution



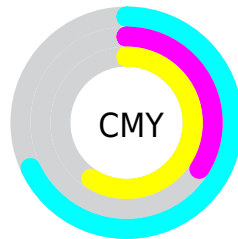
- Red (32%)
- Green (66%)
- Blue (41%)



- Red (32%)
- Yellow (59%)
- Blue (66%)



- Cyan (52%)
- Magenta (0%)
- Yellow (38%)
- Black (34%)



- Cyan (68%)
- Magenta (34%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51A969 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 51A969 by changing the saturation by 10% instead.



 51A969

 51A969


FFFFFF

 358E50

 88E19D

 127439

 A4FEB8

 005B22

 C0FFD4

 00420C

 DDDFF0

 002C00

 FFFFFFFF

 001100

 000000

 51A969

 51A969

 40A95D

 62A975

 2FA950

 73A982

 1EA944

 84A98E

 0DA938

 95A99A

 00A92E

 A5A9A6

 B6A9B3

 C7A9BF

 D8A9CB

 E9A9D8

# Harmonies

## Analogous

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



88A149



51A969



00AD94

# Triad

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



51A969



3F9DEC



E67771

# Complementary

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



51A969



A95191

# 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.



E4739C



51A969



968DE3

# Square

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



51A969



00A7DF



CA7DC5



D3854F

# Rectangle

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



51A969



00ADB1



CA7DC5



E8747F



# Sweetspot

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



51A969



B8DBC2



92A951



596E5E



EDEDED



6E6E6E



# Same Dimension

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



51A969



53DB78



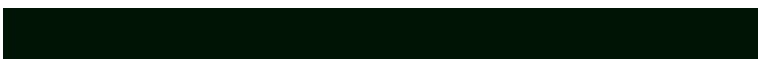
51A994



4C544E



009428



001406



# Inverse Universe

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



A95191



DB53B6



A95166



544C52



94006C



14000F



# Previews

## White Background



This preview shows how the Hex color 51A969 looks on a white background.

## Color Contrast Check

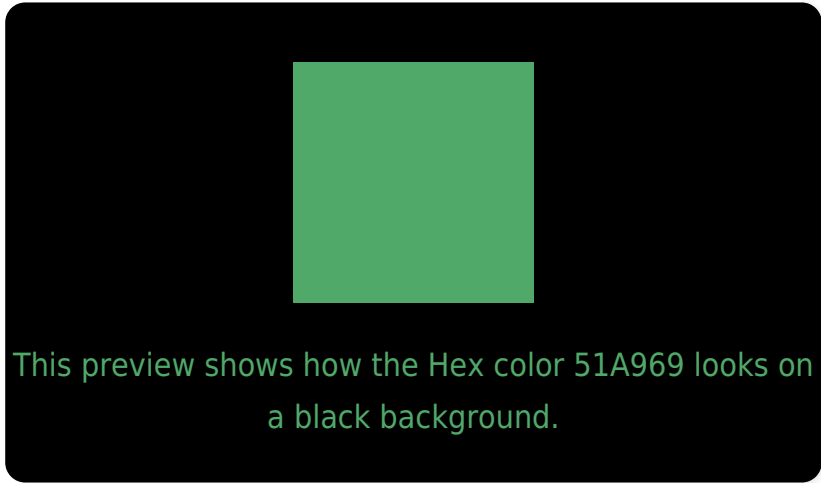
Large Text (above 18pt) WCAG AA × Fail

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 51A969 Background



This preview shows how black text looks on a background with the Hex color 51A969.



This preview shows how white text looks on a background with the Hex color 51A969.

# 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



**Original Color**  
51A969

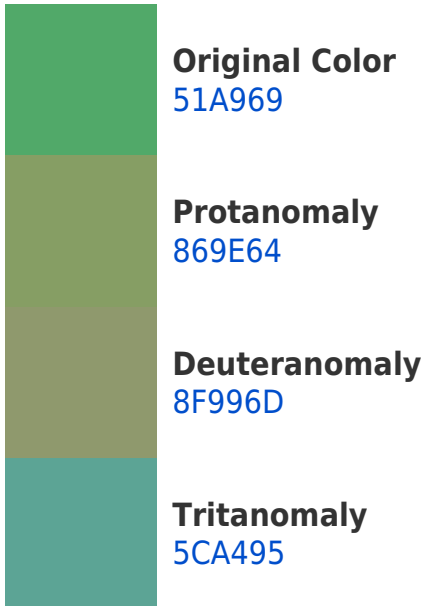
**Protanopia**  
A49761

**Deuteranopia**  
B2906F



**Tritanopia**  
62A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51A969 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 #51A969 looks like.

```
.text, #text, p{  
    color:#51A969  
}
```

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 #51A969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A969
}
```

## Border

The CSS property to change the border of an element to Hex 51A969 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
#51A969 }
```

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

```
.border{ border-color:#51A969 }
```

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

Here you see how a box with a 4 pixel #51A969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A969; -webkit-box-shadow:4px 4px  
4px 4px #51A969; box-shadow:4px 4px 4px  
4px #51A969 }
```

# Background

The CSS property to change the background color of an element to Hex 51A969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A969 }
```

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

```
.background{ background-color:#51A969 }
```

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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