

# Converting Colors

Hex(54BA71)

Have a look what the booklet for  
Hex(54BA71) contains.

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**Color**

**Hex(54BA71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54BA71
RGB	84, 186, 113
RGB Percent	33%, 73%, 44%
CMY	0.6706, 0.2706, 0.5569
CMYK	0.55, 0.00, 0.39, 0.27
HSL	137°, 42%, 53%
HSV	137°, 55%, 73%
XYZ	24.1957, 38.1949, 21.7199
YIQ	147.1800, -37.3590, -44.3270

# Conversions

## Conversions Part 2

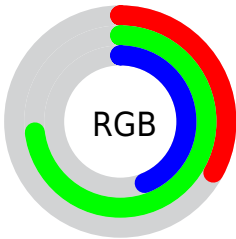
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 163, 186
Decimal	5552753
CIELab	68.16, -45.89, 28.25
CIELCh	68, 53.889, 148.382
Yxy	38.1949, 0.2877, 0.4541
Android (android.graphics.Color)	4283742833 (0xFF54BA71)
YUV	147.1800, -16.8507, -55.4089
Hunter-Lab	61.8020, -38.2702, 22.4243

# Details

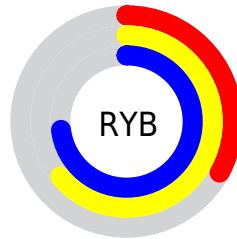
The Hex color **54BA71** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA549D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **8DF3A5**, and **0E8440** is the 20% darker color. If you saturate the color by 10%, you get **41BA64**, and if you desaturate by 10%, it is **67BA7E**.

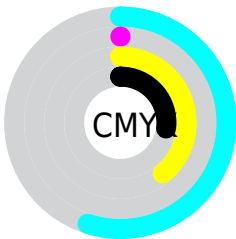
# Distribution



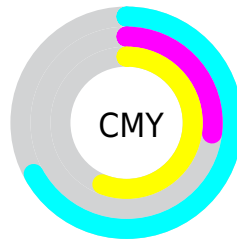
- Red (33%)
- Green (73%)
- Blue (44%)



- Red (33%)
- Yellow (64%)
- Blue (73%)



- Cyan (55%)
- Magenta (0%)
- Yellow (39%)
- Black (27%)



- Cyan (67%)
- Magenta (27%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54BA71 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 54BA71 by changing the saturation by 10% instead.



 54BA71

 54BA71

FFFFFF

 369F58

 8DF3A5

 0E8440

 A9FFC1

 006A29

 C6FFDD

 005111

 E4FFFA

 003900

 002300

 000000

 54BA71

 54BA71

 41BA64

 67BA7E

 2FBA56

 79BA8C

 1CBA49

 8CBA99

 0ABA3C

 9EBAA6

 00BA35

 B1BAB4

 C4BAC1

 D6BACE

 E9BADB

 FBBAE9

# Harmonies

## Analogous

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



94B14C



54BA71



00BEA2

# Triad

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



54BA71



38ACFF



FF807B

# Complementary

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



54BA71



BA549D

# 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.



FD7CAB



54BA71



A49AFC

# Square

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



54BA71



00B8F8



DF87DA



EA9154

# Rectangle

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



54BA71



00BEC3



DF87DA



FF7D8A

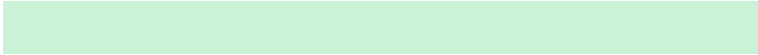


# Sweetspot

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



54BA71



CBF2D7



9DBA54



637A6A



FAFAFA



7A7A7A



# Same Dimension

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



54BA71



52F280



54BAA4



535C55



009C2C



001C08



# Inverse Universe

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



BA549D



F252C5



BA546A



5C5359



9C006F



1C0014



# Previews

## White Background



This preview shows how the Hex color 54BA71 looks on a white background.

## Color Contrast Check

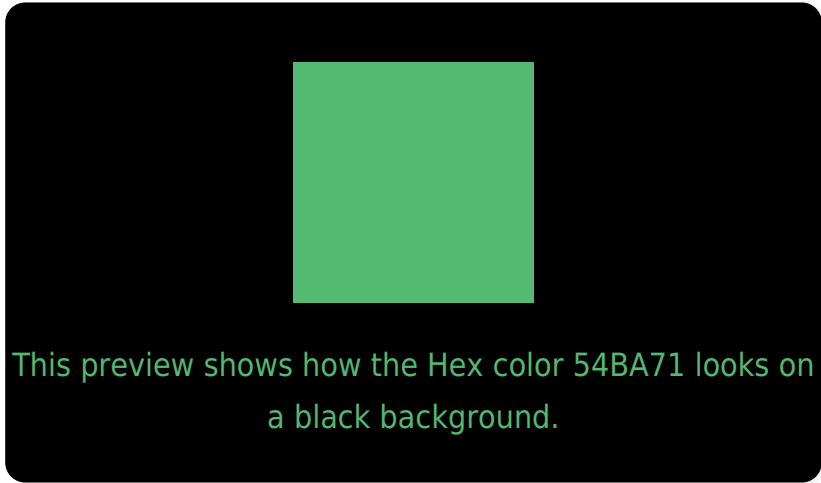
Large Text (above 18pt) WCAG AA × Fail

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

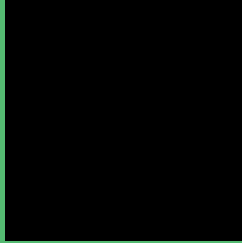
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54BA71 Background



This preview shows how black text looks on a background with the Hex color 54BA71.

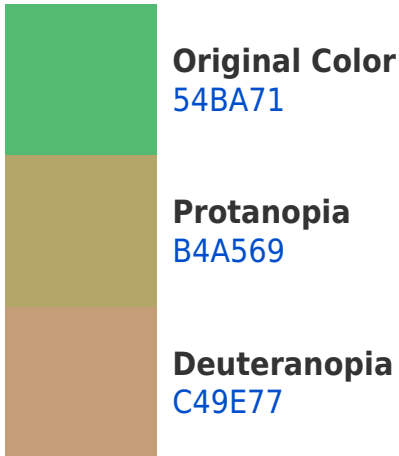


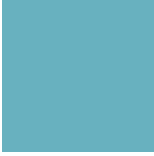
This preview shows how white text looks on a background with the Hex color 54BA71.

# 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**  
68B1BF

# Trichromacy



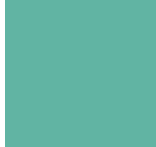
**Original Color**  
54BA71



**Protanomaly**  
91AD6C



**Deuteranomaly**  
9BA875



**Tritanomaly**  
61B4A3

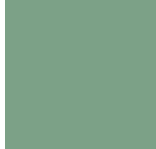
# Monochromacy



**Original Color**  
54BA71



**Achromatopsia**  
939393



**Achromatomaly**  
7CA187

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54BA71 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 #54BA71 looks like.

```
.text, #text, p{  
    color:#54BA71  
}
```

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 #54BA71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54BA71
}
```

## Border

The CSS property to change the border of an element to Hex 54BA71 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
#54BA71 }
```

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

```
.border{ border-color:#54BA71 }
```

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

Here you see how a box with a 4 pixel #54BA71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54BA71; -webkit-box-shadow:4px 4px  
4px 4px #54BA71; box-shadow:4px 4px 4px  
4px #54BA71 }
```

# Background

The CSS property to change the background color of an element to Hex 54BA71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54BA71 }
```

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

```
.background{ background-color:#54BA71 }
```

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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