

# Converting Colors

Hex(59B471)

Have a look what the booklet for  
Hex(59B471) contains.

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**Color**

**Hex(59B471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59B471
RGB	89, 180, 113
RGB Percent	35%, 71%, 44%
CMY	0.6510, 0.2941, 0.5569
CMYK	0.51, 0.00, 0.37, 0.29
HSL	136°, 38%, 53%
HSV	136°, 51%, 71%
XYZ	23.4217, 35.9586, 21.3290
YIQ	145.1530, -32.7290, -40.1290

# Conversions

## Conversions Part 2

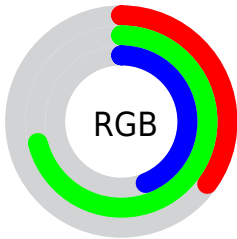
Format	Color
<a href="#">RYB</a>	<a href="#">89, 161, 180</a>
Decimal	<a href="#">5878897</a>
CIELab	<a href="#">66.49, -42.08, 26.07</a>
CIELCh	<a href="#">66, 49.502, 148.224</a>
Yxy	<a href="#">35.9586, 0.2902, 0.4455</a>
Android (android.graphics.Color)	<a href="#">4284068977 (0xFF59B471)</a>
YUV	<a href="#">145.1530, -15.8514, -49.2462</a>
Hunter-Lab	<a href="#">59.9655, -35.2199, 20.8871</a>

# Details

The Hex color **59B471** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B4599C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **91ECA5**, and **1D7E40** is the 20% darker color. If you saturate the color by 10%, you get **47B464**, and if you desaturate by 10%, it is **6BB47E**.

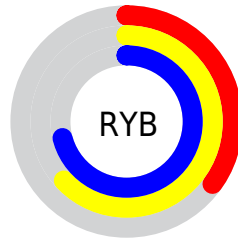
# Distribution



Red (35%)

Green (71%)

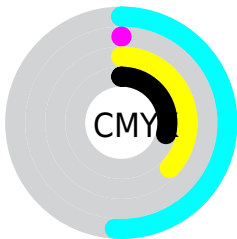
Blue (44%)



Red (35%)

Yellow (63%)

Blue (71%)

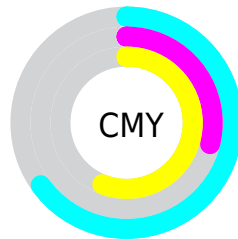


Cyan (51%)

Magenta (0%)

Yellow (37%)

Black (29%)



Cyan (65%)

Magenta (29%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59B471 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 59B471 by changing the saturation by 10% instead.



 59B471

 59B471

FFFFFF

 3D9958

 91ECA5

 1D7E40

 ADFFC1

 006529

 C9FFDD

 004C13

 E6FFF9

 003400

 001F00

 000000

 59B471

 59B471

 47B464

 6BB47E

 35B456

 7DB48C

 23B449

 8FB499

 11B43C

 A1B4A6

 00B42F

 B3B4B3

 C5B4C1

 D7B4CE

 E9B4DB

 FBB4E8

# Harmonies

## Analogous

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



91AC50



59B471



00B89D

# Triad

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



59B471



47A7FA



F4807A

# Complementary

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



59B471



B4599C

# 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.



F17CA6



59B471



A097F0

# Square

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



59B471



00B2EC



D686D1



E08E57

# Rectangle

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



59B471



00B8BC



D686D1



F57D88



# Sweetspot

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



59B471



C7EBD1



9DB459



607566



F5F5F5



757575



# Same Dimension

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



59B471



5BEB81



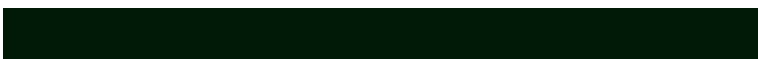
59B49D



505953



009928



001A07



# Inverse Universe

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



B4599C



EB5BC5



B45970



595057



990071



1A0013



# Previews

## White Background



This preview shows how the Hex color 59B471 looks on a white background.

## Color Contrast Check

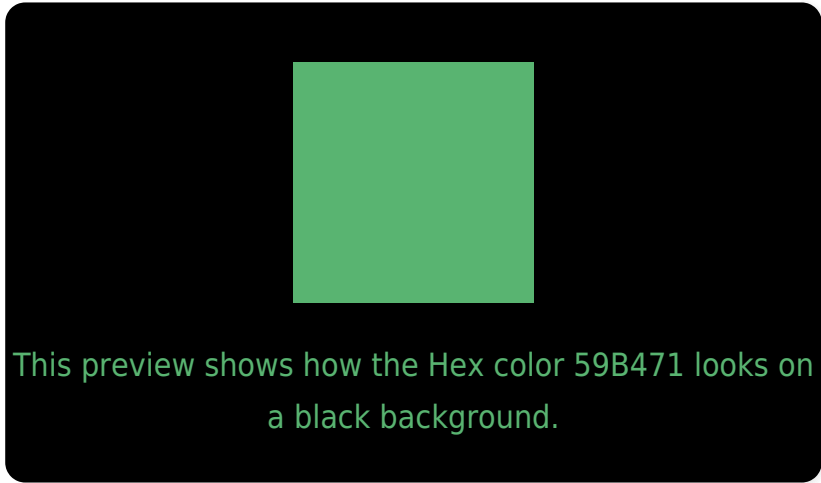
Large Text (above 18pt) WCAG AA × Fail

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 59B471 Background



This preview shows how black text looks on a background with the Hex color 59B471.

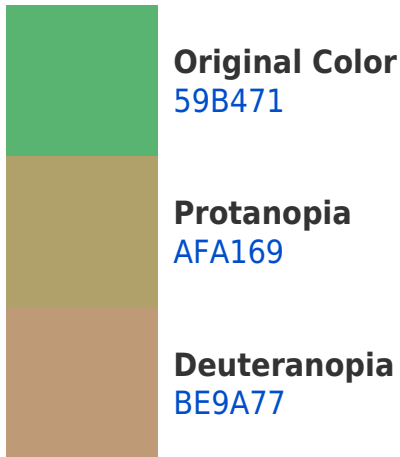


This preview shows how white text looks on a background with the Hex color 59B471.

# 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**  
6BABB9

# Trichromacy



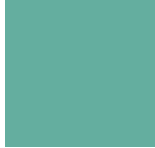
**Original Color**  
59B471



**Protanomaly**  
90A86C



**Deuteranomaly**  
99A375



**Tritanomaly**  
64AE9F

# Monochromacy



**Original Color**  
59B471



**Achromatopsia**  
919191



**Achromatomaly**  
7D9E85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59B471 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 #59B471 looks like.

```
.text, #text, p{  
    color:#59B471  
}
```

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 #59B471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B471
}
```

## Border

The CSS property to change the border of an element to Hex 59B471 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
#59B471 }
```

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

```
.border{ border-color:#59B471 }
```

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

Here you see how a box with a 4 pixel #59B471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B471; -webkit-box-shadow:4px 4px  
4px 4px #59B471; box-shadow:4px 4px 4px  
4px #59B471 }
```

# Background

The CSS property to change the background color of an element to Hex 59B471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B471 }
```

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

```
.background{ background-color:#59B471 }
```

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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