

# Converting Colors

Hex(59AB6D)

Have a look what the booklet for  
Hex(59AB6D) contains.

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# Color

Hex(59AB6D)

# Conversions

## Conversions Part 1

Format	Color
Hex	59AB6D
RGB	89, 171, 109
RGB Percent	35%, 67%, 43%
CMY	0.6510, 0.3294, 0.5725
CMYK	0.48, 0.00, 0.36, 0.33
HSL	135°, 33%, 51%
HSV	135°, 48%, 67%
XYZ	21.4431, 32.3538, 19.5827
YIQ	139.4140, -28.9700, -36.6660

# Conversions

## Conversions Part 2

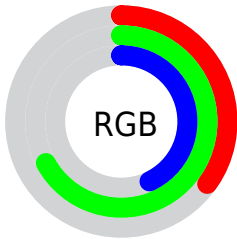
Format	Color
<a href="#">RYB</a>	<a href="#">89, 155, 171</a>
Decimal	<a href="#">5876589</a>
CIELab	<a href="#">63.63, -38.87, 24.41</a>
CIElCh	<a href="#">64, 45.896, 147.874</a>
Yxy	<a href="#">32.3538, 0.2922, 0.4409</a>
Android (android.graphics.Color)	<a href="#">4284066669 (0xFF59AB6D)</a>
YUV	<a href="#">139.4140, -14.9941, -44.2131</a>
Hunter-Lab	<a href="#">56.8804, -32.2489, 19.4040</a>

# Details

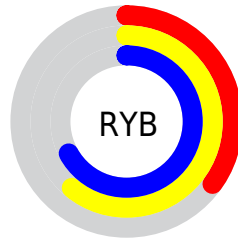
The Hex color **59AB6D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB5997**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **90E3A1**, and **20763D** is the 20% darker color. If you saturate the color by 10%, you get **48AB60**, and if you desaturate by 10%, it is **6AAB7A**.

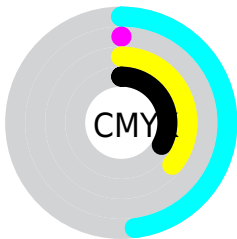
# Distribution



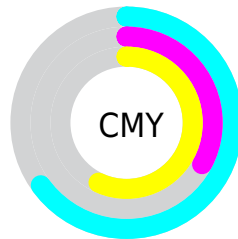
- Red (35%)
- Green (67%)
- Blue (43%)



- Red (35%)
- Yellow (61%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (36%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59AB6D 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 59AB6D by changing the saturation by 10% instead.



 59AB6D

 59AB6D

FFFFFF

 3E9054

 90E3A1

 20763D

 ABFFBC

 005D26

 C8FFD8

 004410

 E5FFF5

 002D00

 001500

 000000

 59AB6D

 59AB6D

 48AB60

 6AAB7A

 37AB53

 7BAB87

 26AB46

 8CAB94

 15AB39

 9DABA1

 04AB2C

 AEABAE

 00AB2A

 C0ABBB

 D1ABC8

 E2ABD4

 F3ABE1

# Harmonies

## Analogous

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



8CA34F



59AB6D



00AF96

# Triad

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



59AB6D



499FEC



E67B76

# Complementary

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



59AB6D



AB5997

# 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.



E4789F



59AB6D



9891E2

# Square

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



59AB6D



00A9DF



CA81C6



D58856

# Rectangle

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



59AB6D



00AFB2



CA81C6



E87983



# Sweetspot

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



59AB6D



BFDEC6



98AB59



5D7062



F0F0F0



707070



# Same Dimension

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



59AB6D



5DDE7D



59AB95



4E5750



009625



001706



# Inverse Universe

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



AB5997



DE5DBE



AB596F



574E55



960072



170011



# Previews

## White Background



This preview shows how the Hex color 59AB6D looks on a white background.

## Color Contrast Check

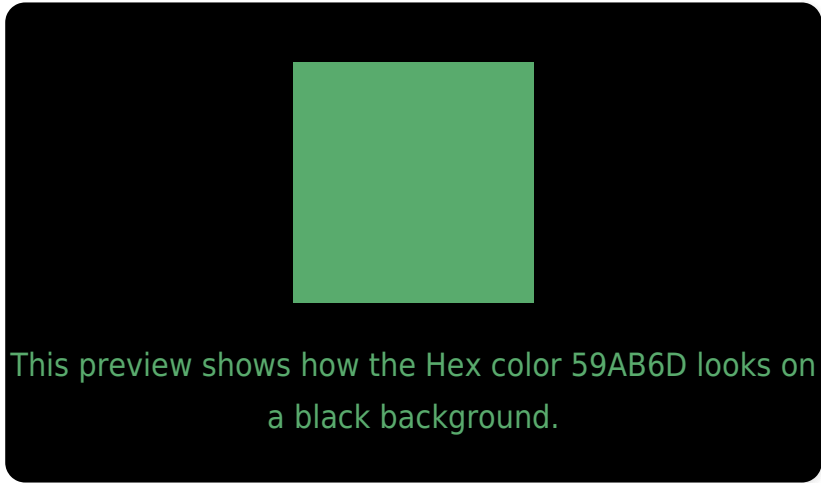
Large Text (above 18pt) WCAG AA × Fail

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 59AB6D Background



This preview shows how black text looks on a background with the Hex color 59AB6D.



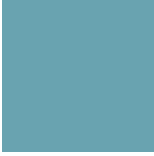
This preview shows how white text looks on a background with the Hex color 59AB6D.

# 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](#).

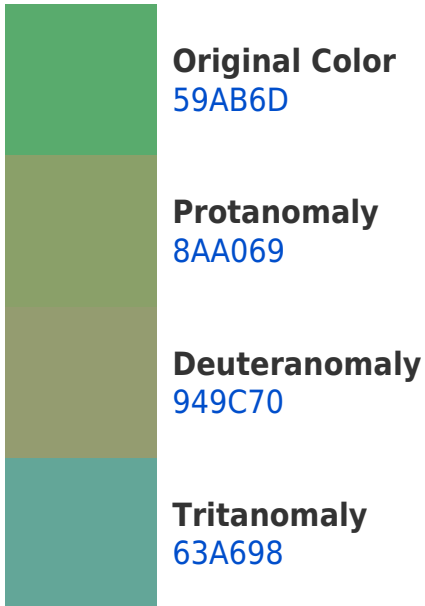
## Dichromacy



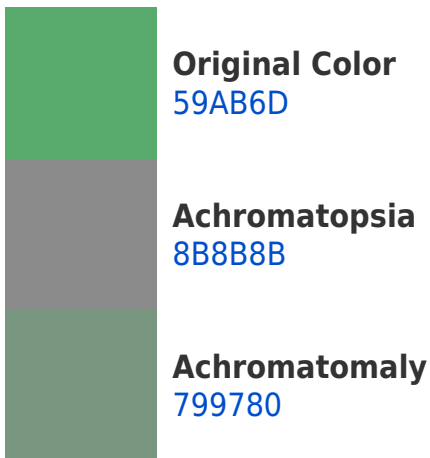


**Tritanopia**  
69A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59AB6D 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 #59AB6D looks like.

```
.text, #text, p{  
    color:#59AB6D  
}
```

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 #59AB6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59AB6D
}
```

## Border

The CSS property to change the border of an element to Hex 59AB6D 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
#59AB6D }
```

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

```
.border{ border-color:#59AB6D }
```

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

Here you see how a box with a 4 pixel #59AB6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59AB6D; -webkit-box-shadow:4px 4px  
4px 4px #59AB6D; box-shadow:4px 4px 4px  
4px #59AB6D }
```

# Background

The CSS property to change the background color of an element to Hex 59AB6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59AB6D }
```

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

```
.background{ background-color:#59AB6D }
```

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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