

Converting Colors

Hex(59BD6F)

Have a look what the booklet for
Hex(59BD6F) contains.

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Color

Hex(59BD6F)

Conversions

Conversions Part 1

Format	Color
Hex	59BD6F
RGB	89, 189, 111
RGB Percent	35%, 74%, 44%
CMY	0.6510, 0.2588, 0.5647
CMYK	0.53, 0.00, 0.41, 0.26
HSL	133°, 43%, 55%
HSV	133°, 53%, 74%
XYZ	25.1867, 39.6667, 21.3679
YIQ	150.2080, -34.5620, -45.4580

Conversions

Conversions Part 2

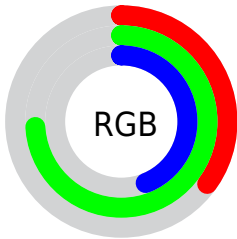
Format	Color
RYB	89, 171, 189
Decimal	5881199
CIELab	69.23, -46.22, 30.73
CIElCh	69, 55.504, 146.386
Yxy	39.6667, 0.2921, 0.4601
Android (android.graphics.Color)	4284071279 (0xFF59BD6F)
YUV	150.2080, -19.3295, -53.6794
Hunter-Lab	62.9815, -38.8346, 23.9716

Details

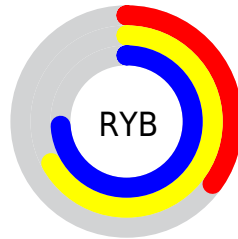
The Hex color **59BD6F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BD59A7**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **92F6A4**, and **18873E** is the 20% darker color. If you saturate the color by 10%, you get **46BD60**, and if you desaturate by 10%, it is **6CBD7E**.

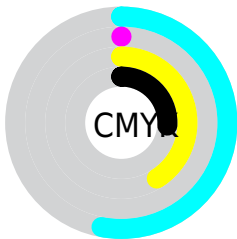
Distribution



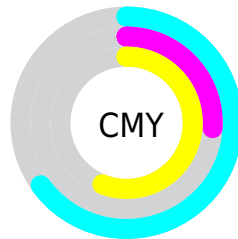
- Red (35%)
- Green (74%)
- Blue (44%)



- Red (35%)
- Yellow (67%)
- Blue (74%)



- Cyan (53%)
- Magenta (0%)
- Yellow (41%)
- Black (26%)



- Cyan (65%)
- Magenta (26%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59BD6F 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 59BD6F by changing the saturation by 10% instead.

 59BD6F

 59BD6F

FFFFFF

 3CA156

 92F6A4

 18873E

 AEFFBF

 006D26

 CBFFDB

 00530E

 E8FFF8

 003B00

 002600

 000000

 59BD6F

 59BD6F

 46BD60

 6CBD7E

 33BD52

 7FBD8C

 20BD43

 92BD9B

 0DBD34

 A5BDAA

 00BD2A

 B8BDB9

 CABDC7

 DDBDD6

 F0BDE5

 FFBDF4

Harmonies

Analogous

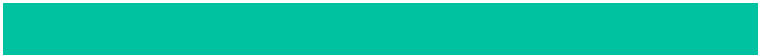
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99B34A



59BD6F



00C2A1

Triad

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



59BD6F



21B0FF



FF817F

Complementary

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



59BD6F



BD59A7

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.



FF7DB1



59BD6F



A19EFF

Square

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



59BD6F



00BCFC



E18AE1



F19156

Rectangle

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



59BD6F



00C2C4



E18AE1



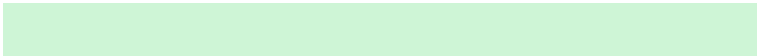
FF7E8F

Sweetspot

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



59BD6F



CEF5D6



A7BD59



637A68



FAFAFA



7A7A7A

Same Dimension

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



59BD6F



5BF57D



59BDA1



555E57



009E23



001F07

Inverse Universe

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



BD59A7



F55BD3



BD5975



5E555C



9E007B



1F0018

Previews

White Background



This preview shows how the Hex color 59BD6F looks on a white background.

Color Contrast Check

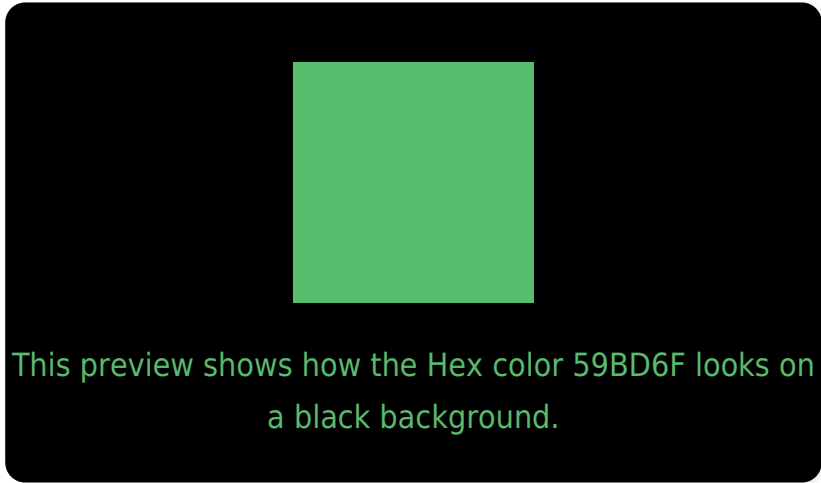
Large Text (above 18pt) WCAG AA × Fail

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 59BD6F Background



This preview shows how black text looks on a background with the Hex color 59BD6F.

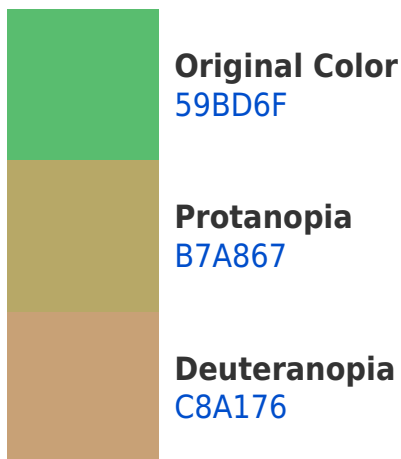


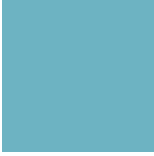
This preview shows how white text looks on a background with the Hex color 59BD6F.

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](#).

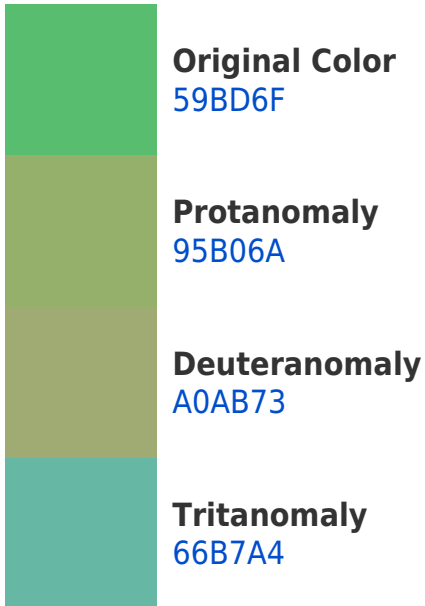
Dichromacy





Tritanopia
6DB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59BD6F 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 #59BD6F looks like.

```
.text, #text, p{  
    color:#59BD6F  
}
```

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 #59BD6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59BD6F
}
```

Border

The CSS property to change the border of an element to Hex 59BD6F 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
#59BD6F }
```

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

```
.border{ border-color:#59BD6F }
```

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

Here you see how a box with a 4 pixel #59BD6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59BD6F; -webkit-box-shadow:4px 4px  
4px 4px #59BD6F; box-shadow:4px 4px 4px  
4px #59BD6F }
```

Background

The CSS property to change the background color of an element to Hex 59BD6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59BD6F }
```

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

```
.background{ background-color:#59BD6F }
```

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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