

Converting Colors

Hex(5B9C63)

Have a look what the booklet for
Hex(5B9C63) contains.

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Color

Hex(5B9C63)

Conversions

Conversions Part 1

Format	Color
Hex	5B9C63
RGB	91, 156, 99
RGB Percent	36%, 61%, 39%
CMY	0.6431, 0.3882, 0.6118
CMYK	0.42, 0.00, 0.37, 0.39
HSL	127°, 26%, 48%
HSV	127°, 42%, 61%
XYZ	18.4550, 26.9019, 16.0243
YIQ	130.0670, -20.4430, -31.5070

Conversions

Conversions Part 2

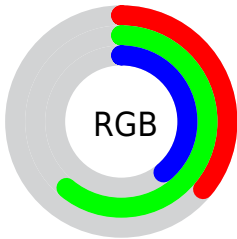
Format	Color
R_{YB}	91, 149, 156
Decimal	6003811
CIE _{Lab}	58.88, -33.24, 23.52
CIE _{LCh}	59, 40.719, 144.724
Yxy	26.9019, 0.3007, 0.4383
Android (android.graphics.Color)	4284193891 (0xFF5B9C63)
YUV	130.0670, -15.3160, -34.2618
Hunter-Lab	51.8671, -27.2547, 17.9894

Details

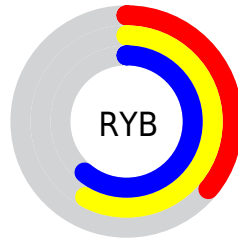
The Hex color **5B9C63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C5B94**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **90D396**, and **276833** is the 20% darker color. If you saturate the color by 10%, you get **4B9C55**, and if you desaturate by 10%, it is **6B9C71**.

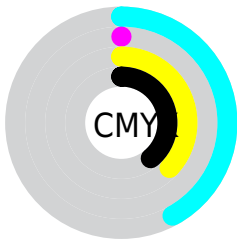
Distribution



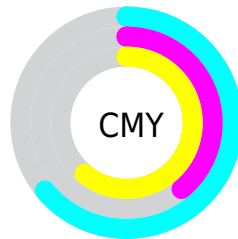
- Red (36%)
- Green (61%)
- Blue (39%)



- Red (36%)
- Yellow (58%)
- Blue (61%)



- Cyan (42%)
- Magenta (0%)
- Yellow (37%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9C63 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 5B9C63 by changing the saturation by 10% instead.

 5B9C63

 5B9C63

FFFFFF

 41824B

 90D396

 276833

 ACEFB1

 06501D

 C8FFCD

 003806

 E4FFE9


 002400

 000000

 5B9C63

 5B9C63

 4B9C55

 6B9C71

 3C9C48

 7A9C7E

 2C9C3A

 8A9C8C

 1D9C2C

 999C9A

 0D9C1F

 A99CA7

 009C13

 B99CB5

 C89CC3

 D89CD0

 E79CDE

Harmonies

Analogous

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



86954B



5B9C63



13A086

Triad

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



5B9C63



4293D4



D17272

Complementary

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



5B9C63



9C5B94

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.



CD7196



5B9C63



8787CF

Square

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



5B9C63



009CC7



B479B7



C47D54

Rectangle

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



5B9C63



00A09F



B479B7



D2717D

Sweetspot

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



5B9C63



B1CCB5



949C5B



566658



E6E6E6



666666

Same Dimension

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



5B9C63



66CC73



5B9C83



474F48



008F12



000F02

Inverse Universe

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



9C5B94



CC66BF



9C5B74



4F474E



8F007D



0F000D

Previews

White Background



This preview shows how the Hex color 5B9C63 looks on a white background.

Color Contrast Check

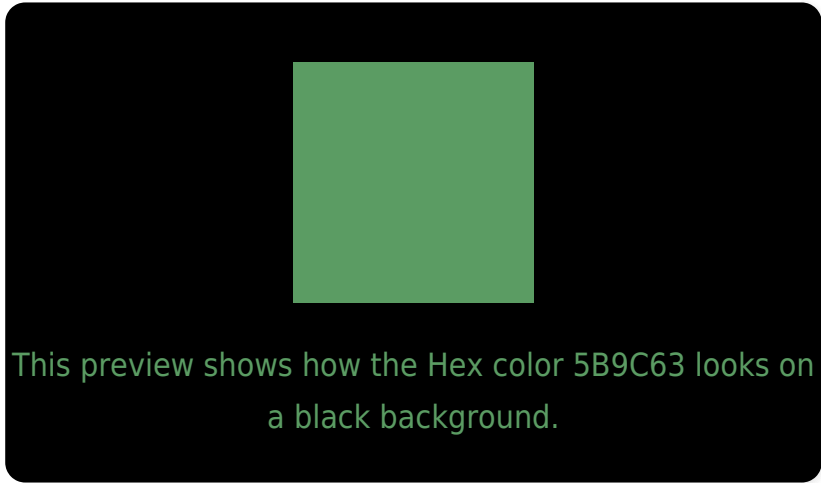
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 5B9C63 Background



This preview shows how black text looks on a background with the Hex color 5B9C63.



This preview shows how white text looks on a background with the Hex color 5B9C63.

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
6895A0

Trichromacy



Original Color
5B9C63

Protanomaly
82925F

Deuteranomaly
8B8F66

Tritanomaly
63988A

Monochromacy



Original Color
5B9C63

Achromatopsia
828282

Achromatomaly
748B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9C63 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 #5B9C63 looks like.

```
.text, #text, p{  
    color:#5B9C63  
}
```

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 #5B9C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9C63
}
```

Border

The CSS property to change the border of an element to Hex 5B9C63 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
#5B9C63 }
```

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

```
.border{ border-color:#5B9C63 }
```

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

Here you see how a box with a 4 pixel #5B9C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9C63; -webkit-box-shadow:4px 4px  
4px 4px #5B9C63; box-shadow:4px 4px 4px  
4px #5B9C63 }
```

Background

The CSS property to change the background color of an element to Hex 5B9C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9C63 }
```

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

```
.background{ background-color:#5B9C63 }
```

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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