

Converting Colors

Hex(5B9A73)

Have a look what the booklet for
Hex(5B9A73) contains.

Hex(5B9A73)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B9A73)

Conversions

Conversions Part 1

Format	Color
Hex	5B9A73
RGB	91, 154, 115
RGB Percent	36%, 60%, 45%
CMY	0.6431, 0.3961, 0.5490
CMYK	0.41, 0.00, 0.25, 0.40
HSL	143°, 26%, 48%
HSV	143°, 41%, 60%
XYZ	18.9645, 26.5732, 20.3493
YIQ	130.7170, -25.0290, -25.4850

Conversions

Conversions Part 2

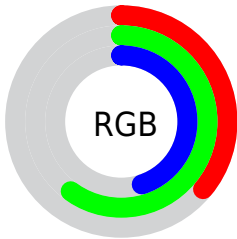
Format	Color
R_{YB}	91, 137, 154
Decimal	6003315
CIE _{Lab}	58.58, -29.28, 14.23
CIE _{LCh}	59, 32.558, 154.076
Yxy	26.5732, 0.2878, 0.4033
Android (android.graphics.Color)	4284193395 (0xFF5B9A73)
YUV	130.7170, -7.7485, -34.8318
Hunter-Lab	51.5492, -24.5424, 12.6794

Details

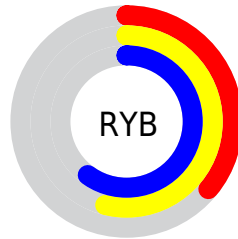
The Hex color **5B9A73** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A5B82**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **90D1A7**, and **276643** is the 20% darker color. If you saturate the color by 10%, you get **4C9A69**, and if you desaturate by 10%, it is **6A9A7D**.

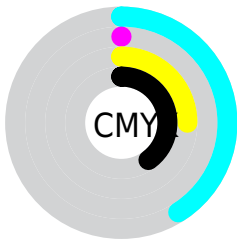
Distribution



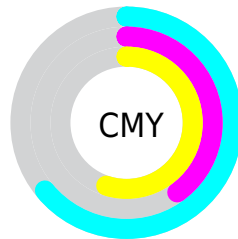
- Red (36%)
- Green (60%)
- Blue (45%)



- Red (36%)
- Yellow (54%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9A73 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 5B9A73 by changing the saturation by 10% instead.

 5B9A73

 5B9A73

FFFFFF

 41805A

 90D1A7

 276643

 ABEDC2

 084E2C

 C7FFDE

 003717

 E4FFFB

 002200

 000000

 5B9A73

 5B9A73

 4C9A69

 6A9A7D

 3C9A60

 7A9A86

 2D9A56

 899A90

 1D9A4D

 999A99

 0E9A43

 A89AA3

 009A3B

 B79AAC

 C79AB6

 D69ABF

 E69AC9

Harmonies

Analogous

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



7E955D



5B9A73



349C90

Triad

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



5B9A73



6A8EC5



C27A6E

Complementary

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



5B9A73



9A5B82

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.



C3778A



5B9A73



9584BC

Square

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



5B9A73



3896BF



B47BA6



B4835A

Rectangle

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



5B9A73



199CA3



B47BA6



C47877

Sweetspot

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



5B9A73



B1C9BA



839A5B



58665D



E6E6E6



666666

Same Dimension

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



5B9A73



67C98C



5B9A92



454D48



008C35



000D05

Inverse Universe

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



9A5B82



C967A4



9A5B63



4D454A



8C0057



0D0008

Previews

White Background



This preview shows how the Hex color 5B9A73 looks on a white background.

Color Contrast Check

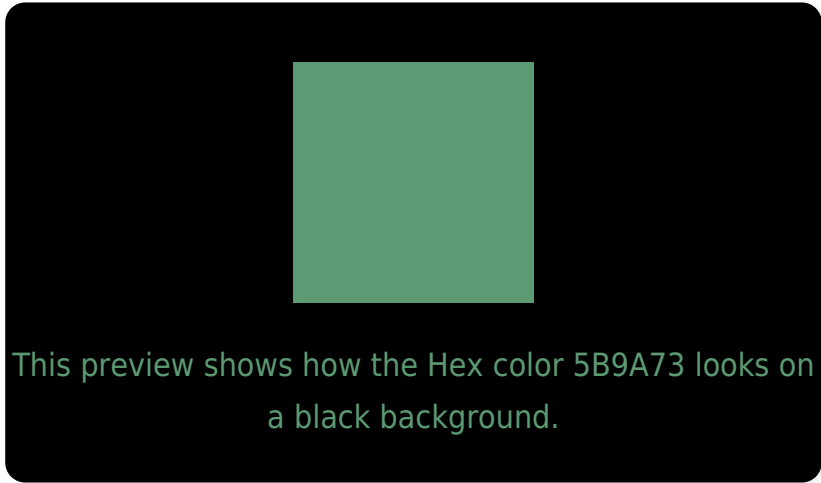
Large Text (above 18pt) WCAG AA ✓ Pass

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

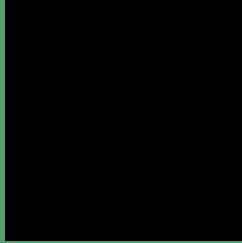
Any Text WCAG AA ✓ Pass

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 5B9A73 Background



This preview shows how black text looks on a background with the Hex color 5B9A73.



This preview shows how white text looks on a background with the Hex color 5B9A73.

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
6594A0

Trichromacy



Original Color
5B9A73

Protanomaly
81916F

Deuteranomaly
888E76

Tritanomaly
619690

Monochromacy



Original Color
5B9A73

Achromatopsia
838383

Achromatomaly
748B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9A73 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 #5B9A73 looks like.

```
.text, #text, p{  
    color:#5B9A73  
}
```

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 #5B9A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9A73
}
```

Border

The CSS property to change the border of an element to Hex 5B9A73 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
#5B9A73 }
```

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

```
.border{ border-color:#5B9A73 }
```

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

Here you see how a box with a 4 pixel #5B9A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9A73; -webkit-box-shadow:4px 4px  
4px 4px #5B9A73; box-shadow:4px 4px 4px  
4px #5B9A73 }
```

Background

The CSS property to change the background color of an element to Hex 5B9A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9A73 }
```

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

```
.background{ background-color:#5B9A73 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor