

Converting Colors

Hex(5C9C70)

Have a look what the booklet for
Hex(5C9C70) contains.

Hex(5C9C70)	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(5C9C70)

Conversions

Conversions Part 1

Format	Color
Hex	5C9C70
RGB	92, 156, 112
RGB Percent	36%, 61%, 44%
CMY	0.6392, 0.3882, 0.5608
CMYK	0.41, 0.00, 0.28, 0.39
HSL	139°, 26%, 49%
HSV	139°, 41%, 61%
XYZ	19.2267, 27.2221, 19.5703
YIQ	131.8480, -24.0200, -27.2520

Conversions

Conversions Part 2

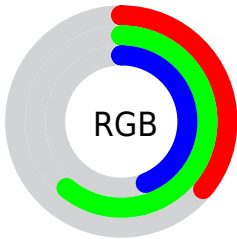
Format	Color
R_{YB}	92, 141, 156
Decimal	6069360
CIE _{Lab}	59.18, -30.54, 16.75
CIE _{LCh}	59, 34.829, 151.254
Yxy	27.2221, 0.2912, 0.4123
Android (android.graphics.Color)	4284259440 (0xFF5C9C70)
YUV	131.8480, -9.7851, -34.9467
Hunter-Lab	52.1748, -25.5276, 14.2832

Details

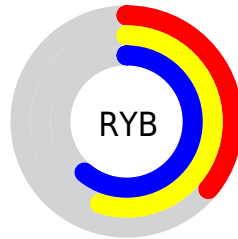
The Hex color **5C9C70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C5C88**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **91D3A4**, and **286840** is the 20% darker color. If you saturate the color by 10%, you get **4C9C65**, and if you desaturate by 10%, it is **6C9C7B**.

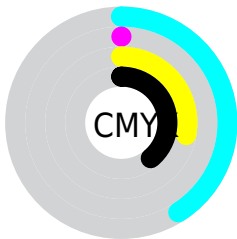
Distribution



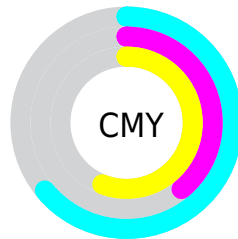
- Red (36%)
- Green (61%)
- Blue (44%)



- Red (36%)
- Yellow (55%)
- Blue (61%)



- Cyan (41%)
- Magenta (0%)
- Yellow (28%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9C70 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 5C9C70 by changing the saturation by 10% instead.

 5C9C70

 5C9C70

FFFFFF

 428257

 91D3A4

 286840

 ACEFBF

 09502A

 C8FFDB

 003814

 E5FFF8

 002300

 000000

 5C9C70

 5C9C70

 4C9C65

 6C9C7B

 3D9C5B

 7B9C85

 2D9C50

 8B9C90

 1E9C45

 9A9C9B

 0E9C3A

 AA9CA6

 009C31

 BA9CB0

 C99CBB

 D99CC6

 E89CD1

Harmonies

Analogous

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



819659



5C9C70



2E9F8F

Triad

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



5C9C70



6391CB



C87970

Complementary

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



5C9C70



9C5C88

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.



C8768E



5C9C70



9386C3

Square

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



5C9C70



2499C3



B67CAC



BA825A

Rectangle

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



5C9C70



009EA4



B67CAC



CA777A

Sweetspot

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



5C9C70



B4CCBB



899C5C



58665C



E6E6E6



666666

Same Dimension

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



5C9C70



68CC87



5C9C8F



474F4A



008F2D



000F05

Inverse Universe

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



9C5C88



CC68AD



9C5C69



4F474D



8F0062



0F000B

Previews

White Background



This preview shows how the Hex color 5C9C70 looks on a white background.

Color Contrast Check

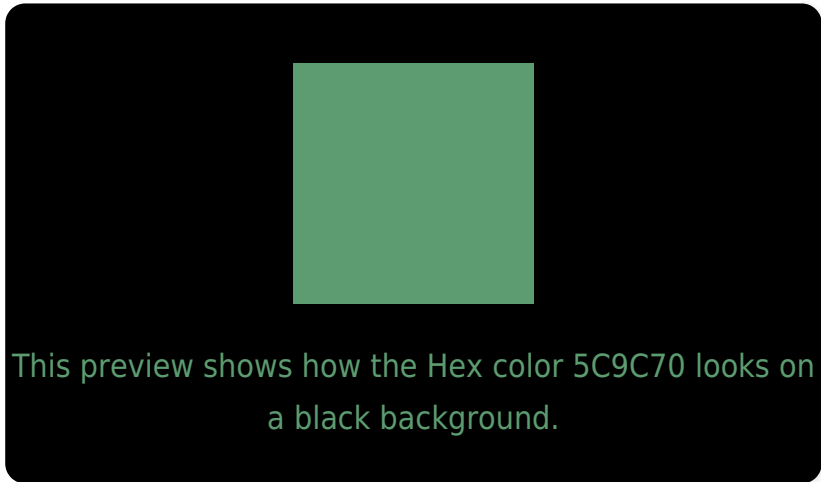
Large Text (above 18pt) WCAG AA ✓ Pass

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

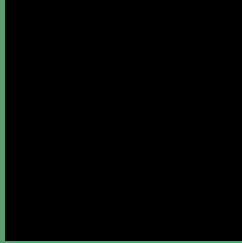
Any Text WCAG AA ✓ Pass

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 5C9C70 Background



This preview shows how black text looks on a background with the Hex color 5C9C70.




This preview shows how white text looks on a background with the Hex color 5C9C70.

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](#).

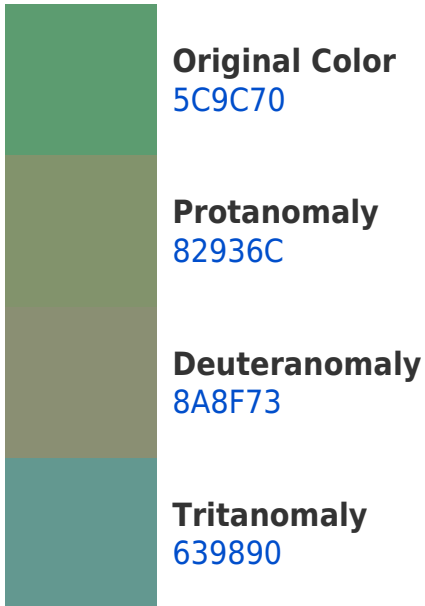
Dichromacy





Tritanopia
6796A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9C70 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 #5C9C70 looks like.

```
.text, #text, p{  
    color:#5C9C70  
}
```

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 #5C9C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9C70
}
```

Border

The CSS property to change the border of an element to Hex 5C9C70 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
#5C9C70 }
```

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

```
.border{ border-color:#5C9C70 }
```

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

Here you see how a box with a 4 pixel #5C9C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9C70; -webkit-box-shadow:4px 4px  
4px 4px #5C9C70; box-shadow:4px 4px 4px  
4px #5C9C70 }
```

Background

The CSS property to change the background color of an element to Hex 5C9C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9C70 }
```

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

```
.background{ background-color:#5C9C70 }
```

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