

Converting Colors

Hex(5C9668)

Have a look what the booklet for
Hex(5C9668) contains.

Hex(5C9668)	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(5C9668)

Conversions

Conversions Part 1

Format	Color
Hex	5C9668
RGB	92, 150, 104
RGB Percent	36%, 59%, 41%
CMY	0.6392, 0.4118, 0.5922
CMYK	0.39, 0.00, 0.31, 0.41
HSL	132°, 24%, 47%
HSV	132°, 39%, 59%
XYZ	17.8187, 25.0875, 16.9999
YIQ	127.4140, -19.8020, -26.6020

Conversions

Conversions Part 2

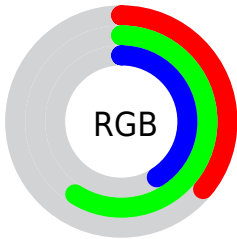
Format	Color
RYB	92, 140, 150
Decimal	6067816
CIELab	57.16, -29.18, 18.44
CIELCh	57, 34.523, 147.706
Yxy	25.0875, 0.2974, 0.4188
Android (android.graphics.Color)	4284257896 (0xFF5C9668)
YUV	127.4140, -11.5431, -31.0581
Hunter-Lab	50.0874, -24.1513, 14.9378

Details

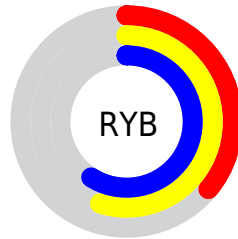
The Hex color **5C9668** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **965C8A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **90CD9B**, and **296338** is the 20% darker color. If you saturate the color by 10%, you get **4D965C**, and if you desaturate by 10%, it is **6B9674**.

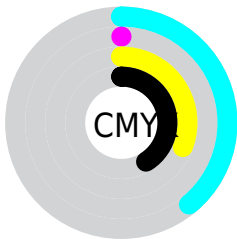
Distribution



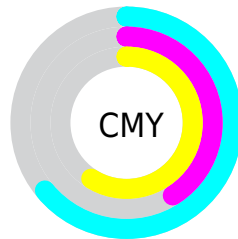
- Red (36%)
- Green (59%)
- Blue (41%)



- Red (36%)
- Yellow (55%)
- Blue (59%)



- Cyan (39%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9668 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 5C9668 by changing the saturation by 10% instead.



5C9668



5C9668

FFFFFF



437C50



90CD9B



296338



ACE9B6



0D4A22



C8FFD2



00330D



E4FFEE



002000



000000



5C9668



5C9668



4D965C



6B9674



3E9650



7A9680

 2F9644

 89968C

 209638

 989698

 11962D

 A796A3

 029621

 B696AF

 00961F

 C596BB

 D496C7

 E396D3

Harmonies

Analogous

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



809053



5C9668



2F9986

Triad

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



5C9668



578DC5



C3746F

Complementary

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



5C9668



965C8A

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.



C0728D



5C9668



8982BE

Square

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



5C9668



0F95BB



AD78AA



B67C57

Rectangle

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



5C9668



00999A



AD78AA



C47278

Sweetspot

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



5C9668



ABC2AF



8A965C



536156



E0E0E0



616161

Same Dimension

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



5C9668



69C27B



5C9685



434A44



008A1C



000A02

Inverse Universe

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



965C8A



C269AF



965C6D



4A4348



8A006D



0A0008

Previews

White Background



This preview shows how the Hex color 5C9668 looks on a white background.

Color Contrast Check

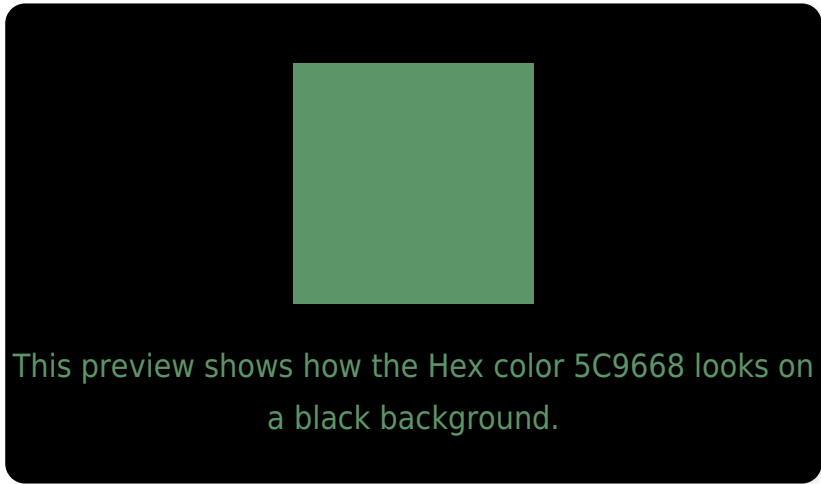
Large Text (above 18pt) WCAG AA ✓ Pass

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

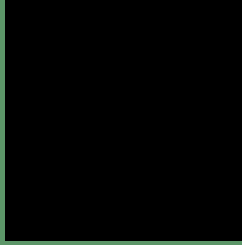
Any Text WCAG AA ✓ Pass

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 5C9668 Background



This preview shows how black text looks on a background with the Hex color 5C9668.



This preview shows how white text looks on a background with the Hex color 5C9668.

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
67909B

Trichromacy



Original Color
5C9668

Protanomaly
7F8D64

Deuteranomaly
878A6B

Tritanomaly
639288

Monochromacy



Original Color
5C9668

Achromatopsia
7F7F7F

Achromatomaly
728777

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9668 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 #5C9668 looks like.

```
.text, #text, p{  
    color:#5C9668  
}
```

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 #5C9668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9668
}
```

Border

The CSS property to change the border of an element to Hex 5C9668 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
#5C9668 }
```

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

```
.border{ border-color:#5C9668 }
```

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

Here you see how a box with a 4 pixel #5C9668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9668; -webkit-box-shadow:4px 4px  
4px 4px #5C9668; box-shadow:4px 4px 4px  
4px #5C9668 }
```

Background

The CSS property to change the background color of an element to Hex 5C9668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9668 }
```

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

```
.background{ background-color:#5C9668 }
```

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