

# Converting Colors

Hex(5C9874)

Have a look what the booklet for  
Hex(5C9874) contains.

|  |    |
|--|----|
| <b>Hex(5C9874)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(5C9874)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5C9874                       |
| RGB         | 92, 152, 116                 |
| RGB Percent | 36%, 60%, 45%                |
| CMY         | 0.6392, 0.4039, 0.5451       |
| CMYK        | 0.39, 0.00, 0.24, 0.40       |
| HSL         | 144°, 25%, 48%               |
| HSV         | 144°, 39%, 60%               |
| XYZ         | 18.7943, 25.9927, 20.5495    |
| YIQ         | 129.9560, -24.2040, -23.9160 |

# Conversions

## Conversions Part 2

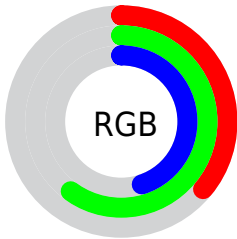
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 92, 135, 152                   |
| Decimal                             | 6068340                        |
| CIE <sub>Lab</sub>                  | 58.03, -27.80, 12.92           |
| CIE <sub>LCh</sub>                  | 58, 30.655, 155.079            |
| Yxy                                 | 25.9927, 0.2877,<br>0.3978     |
| Android<br>(android.graphics.Color) | 4284258420<br>(0xFF5C9874)     |
| YUV                                 | 129.9560, -6.8803,<br>-33.2874 |
| Hunter-Lab                          | 50.9831, -23.4186,<br>11.7904  |

# Details

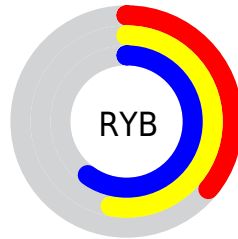
The Hex color **5C9874** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **985C80**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **91CFA8**, and **296544** is the 20% darker color. If you saturate the color by 10%, you get **4D986B**, and if you desaturate by 10%, it is **6B987D**.

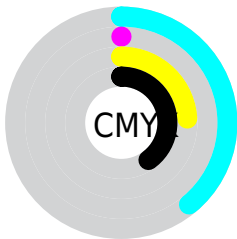
# Distribution



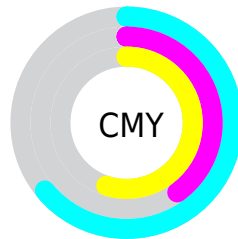
- Red (36%)
- Green (60%)
- Blue (45%)



- Red (36%)
- Yellow (53%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C9874 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 5C9874 by changing the saturation by 10% instead.



■ 5C9874

■ 5C9874

FFFFFF

■ 437E5B

■ 91CFA8

■ 296544

■ ACEBC3

■ 0C4C2D

■ C8FFDF

■ 003518

■ E4FFFC

■ 002100

■ 000000

■ 5C9874

■ 5C9874

■ 4D986B

■ 6B987D

■ 3E9862

■ 7A9886

 2E9859

 8A988F

 1F9850

 999898

 109846

 A898A2

 01983D

 B798AB

 00983D

 C698B4

 D698BD

 E598C6

# Harmonies

## Analogous

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



7C935F



5C9874



3A9A8F

# Triad

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



5C9874



6D8DC1



BE7A6E

# Complementary

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



5C9874



985C80

# 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.



BF7788



5C9874



9583B7

# Square

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



5C9874



4194BB



B17AA3



B0825B

# Rectangle

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



5C9874



289AA1



B17AA3



C07876



# Sweetspot

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



5C9874



ADC4B6



80985C



56635B



E3E3E3



636363



# Same Dimension

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



5C9874



68C48D



5C9892



454D48



008C38



000D05



# Inverse Universe

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



985C80



C4689F



985C62



4D4549



8C0054



0D0008



# Previews

## White Background



This preview shows how the Hex color 5C9874 looks on a white background.

## Color Contrast Check

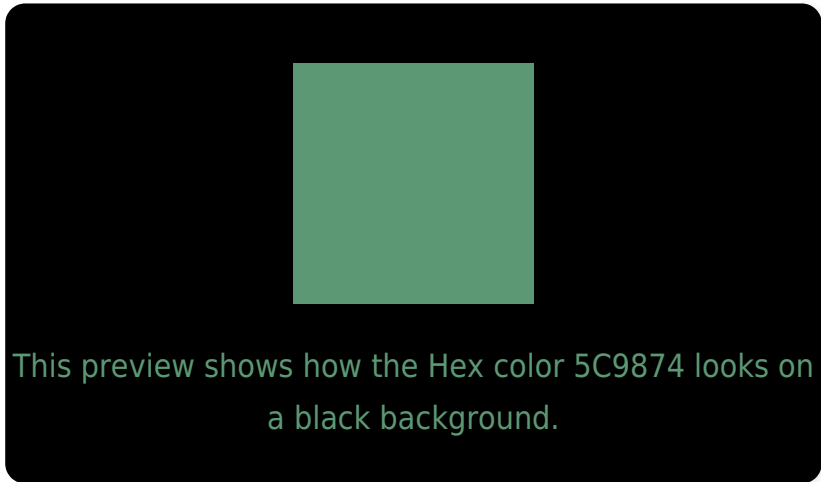
Large Text (above 18pt) WCAG AA ✓ Pass

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

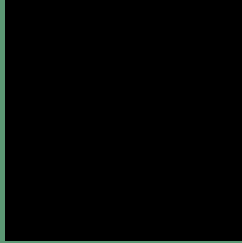
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C9874 Background



This preview shows how black text looks on a background with the Hex color 5C9874.



This preview shows how white text looks on a background with the Hex color 5C9874.

# 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](#).

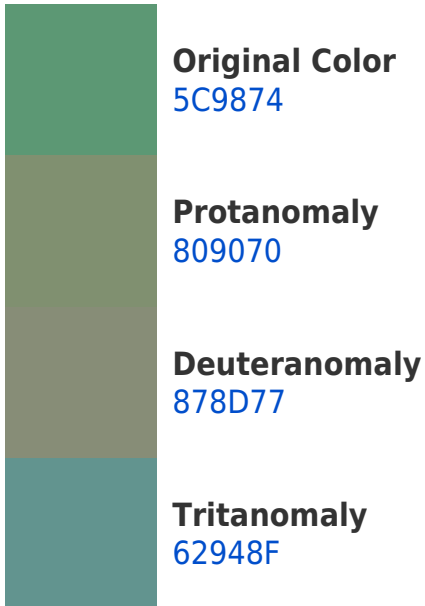
## Dichromacy



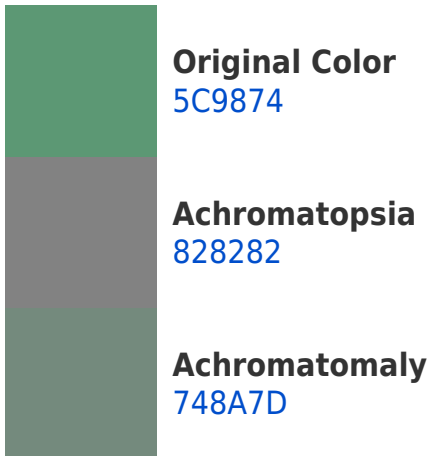


**Tritanopia**  
65929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C9874 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 #5C9874 looks like.

```
.text, #text, p{  
    color:#5C9874  
}
```

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 #5C9874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9874
}
```

## Border

The CSS property to change the border of an element to Hex 5C9874 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
#5C9874 }
```

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

```
.border{ border-color:#5C9874 }
```

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

Here you see how a box with a 4 pixel #5C9874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9874; -webkit-box-shadow:4px 4px  
4px 4px #5C9874; box-shadow:4px 4px 4px  
4px #5C9874 }
```

# Background

The CSS property to change the background color of an element to Hex 5C9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9874 }
```

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

```
.background{ background-color:#5C9874 }
```

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