

# Converting Colors

Hex(5C9862)

Have a look what the booklet for  
Hex(5C9862) contains.

|                                                |    |
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# Color

Hex(5C9862)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5C9862                       |
| RGB         | 92, 152, 98                  |
| RGB Percent | 36%, 60%, 38%                |
| CMY         | 0.6392, 0.4039, 0.6157       |
| CMYK        | 0.39, 0.00, 0.36, 0.40       |
| HSL         | 126°, 25%, 48%               |
| HSV         | 126°, 39%, 60%               |
| XYZ         | 17.8465, 25.6136, 15.5586    |
| YIQ         | 127.9040, -18.4260, -29.5140 |

# Conversions

## Conversions Part 2

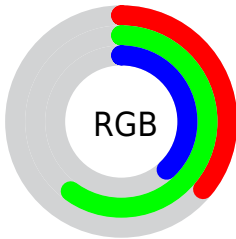
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 92, 147, 152                    |
| Decimal                             | 6068322                         |
| CIE <sub>Lab</sub>                  | 57.67, -31.22, 22.45            |
| CIE <sub>LCh</sub>                  | 58, 38.459, 144.278             |
| Yxy                                 | 25.6136, 0.3024,<br>0.4340      |
| Android<br>(android.graphics.Color) | 4284258402<br>(0xFF5C9862)      |
| YUV                                 | 127.9040, -14.7427,<br>-31.4878 |
| Hunter-Lab                          | 50.6099, -25.6232,<br>17.1999   |

# Details

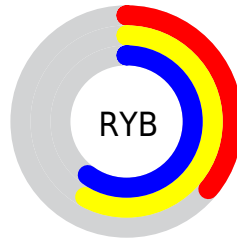
The Hex color **5C9862** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **985C92**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **91CF95**, and **296433** is the 20% darker color. If you saturate the color by 10%, you get **4D9854**, and if you desaturate by 10%, it is **6B9870**.

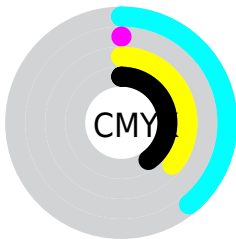
# Distribution



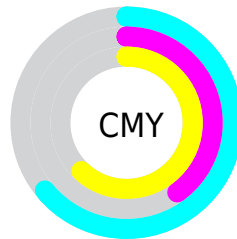
- Red (36%)
- Green (60%)
- Blue (38%)



- Red (36%)
- Yellow (58%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (36%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C9862 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 5C9862 by changing the saturation by 10% instead.




 5C9862

 5C9862

FFFFFF

 427E4A

 91CF95

 296433

 ACEBB0

 0B4C1D

 C8FFCC

 003505

 E5FFE8


 002100

 000000

 5C9862

 5C9862

 4D9854

 6B9870

 3E9847

 7A987D

 2E9839

 8A988B

 1F982B

 999899

 10981E

 A898A6

 019810

 B798B4

 00980F

 C698C2

 D698CF

 E598DD

# Harmonies

## Analogous

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



84914B



5C9862



229C83

# Triad

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



5C9862



4690CD



CA7171

# Complementary

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



5C9862



985C92

# 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.



C67092



5C9862



8484C8

# Square

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



5C9862



0098C0



AE78B2



BE7A55

# Rectangle

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



5C9862



009C9A



AE78B2



CB707C



# Sweetspot

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



5C9862



ADC4AF



92985C



566357



E3E3E3



636363



# Same Dimension

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



5C9862



68C471



5C9880



454D46



008C0E



000D01



# Inverse Universe

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



985C92



C468BB



985C74



4D454C



8C007E



0D000B



# Previews

## White Background



This preview shows how the Hex color 5C9862 looks on a white background.

## Color Contrast Check

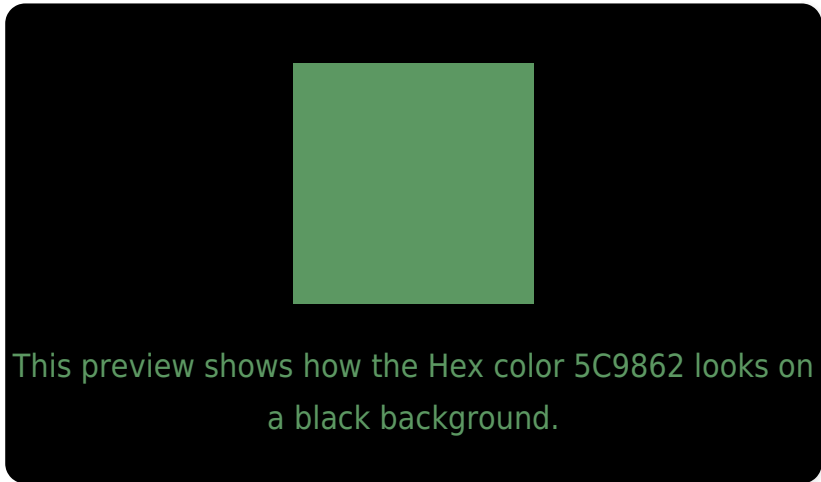
Large Text (above 18pt) WCAG AA ✓ Pass

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

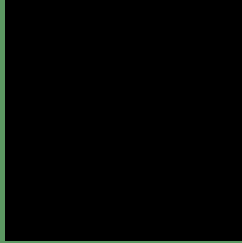
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C9862 Background



This preview shows how black text looks on a background with the Hex color 5C9862.




This preview shows how white text looks on a background with the Hex color 5C9862.

# 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**  
68919C

# Trichromacy



**Original Color**  
5C9862

**Protanomaly**  
808F5E

**Deuteranomaly**  
898B65

**Tritanomaly**  
649487

# Monochromacy



**Original Color**  
5C9862

**Achromatopsia**  
808080

**Achromatomaly**  
738975

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C9862 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 #5C9862 looks like.

```
.text, #text, p{  
    color:#5C9862  
}
```

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 #5C9862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9862
}
```

## Border

The CSS property to change the border of an element to Hex 5C9862 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
#5C9862 }
```

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

```
.border{ border-color:#5C9862 }
```

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

Here you see how a box with a 4 pixel #5C9862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9862; -webkit-box-shadow:4px 4px  
4px 4px #5C9862; box-shadow:4px 4px 4px  
4px #5C9862 }
```

# Background

The CSS property to change the background color of an element to Hex 5C9862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9862 }
```

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

```
.background{ background-color:#5C9862 }
```

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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