

# Converting Colors

Hex(5C9854)

Have a look what the booklet for  
Hex(5C9854) contains.

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# Color

Hex(5C9854)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C9854
RGB	92, 152, 84
RGB Percent	36%, 60%, 33%
CMY	0.6392, 0.4039, 0.6706
CMYK	0.39, 0.00, 0.45, 0.40
HSL	113°, 29%, 46%
HSV	113°, 45%, 60%
XYZ	17.2421, 25.3719, 12.3760
YIQ	126.3080, -13.9320, -33.8680

# Conversions

## Conversions Part 2

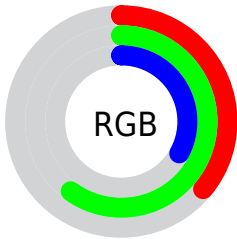
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 152, 144
Decimal	6068308
CIELab	57.44, -33.49, 29.73
CIELCh	57, 44.785, 138.401
Yxy	25.3719, 0.3135, 0.4614
Android (android.graphics.Color)	4284258388 (0xFF5C9854)
YUV	126.3080, -20.8578, -30.0881
Hunter-Lab	50.3705, -27.0468, 20.6918

# Details

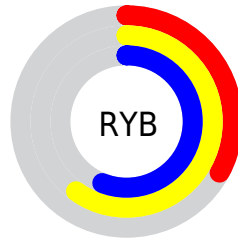
The Hex color **5C9854** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **905498**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **91CF87**, and **286425** is the 20% darker color. If you saturate the color by 10%, you get **4F9845**, and if you desaturate by 10%, it is **699863**.

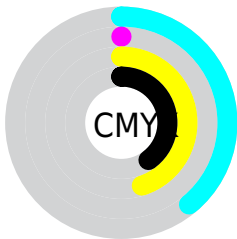
# Distribution



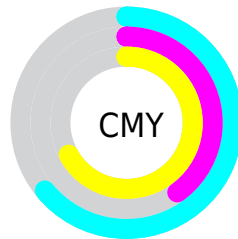
- Red (36%)
- Green (60%)
- Blue (33%)



- Red (33%)
- Yellow (60%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (45%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C9854 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 5C9854 by changing the saturation by 10% instead.





5C9854



5C9854

FFFFFF



427E3C



91CF87



286425



ACEBA1



084C0D



C9FFBC



003400



E5FFD8



002100



FFFFFF5



000000



5C9854



5C9854



4F9845



699863



419836



779872

 349826

 849882

 269817

 929891

 199808

 9F98A0

 129800

 AC98AF

 BA98BE

 C798CE

 D598DD

# Harmonies

## Analogous

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



898F3C



5C9854



009D79

# Triad

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



5C9854



0093D6



D36A73

# Complementary

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



5C9854



905498

# 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.



CB6A9B



5C9854



7386D4

# Square

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



5C9854



009AC3



AB76BE



C87451

# Rectangle

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



5C9854



009E94



AB76BE



D36880



# Sweetspot

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



5C9854



AEC4AB



988F54



556354



E3E3E3



636363



# Same Dimension

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



5C9854



67C45A



54986D



464D45



118C00



020D00



# Inverse Universe

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



905498



B85AC4



98547F



4C454D



7C008C



0B000D



# Previews

## White Background



This preview shows how the Hex color 5C9854 looks on a white background.

## Color Contrast Check

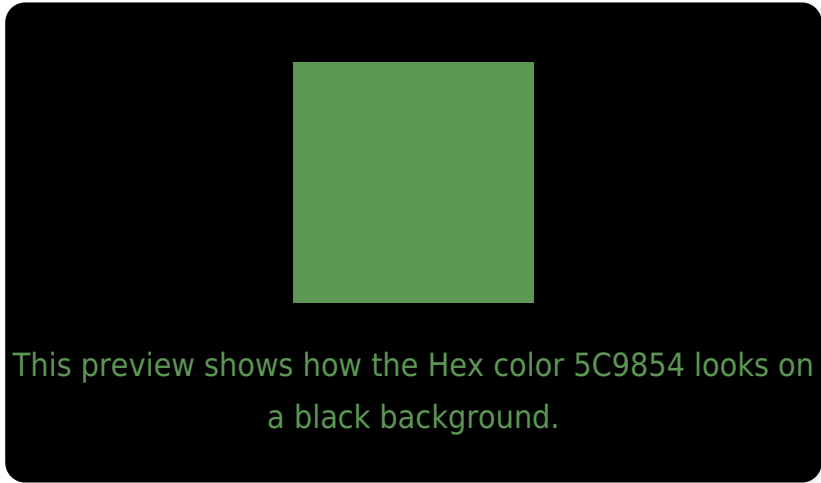
Large Text (above 18pt) WCAG AA ✓ Pass

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

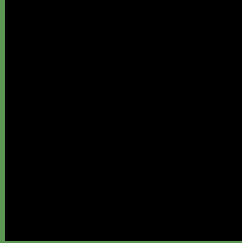
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C9854 Background



This preview shows how black text looks on a background with the Hex color 5C9854.

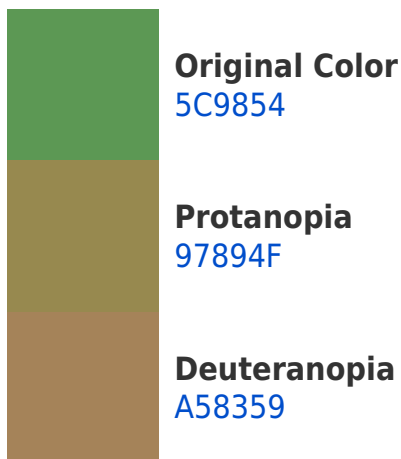


This preview shows how white text looks on a background with the Hex color 5C9854.

# 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](#).

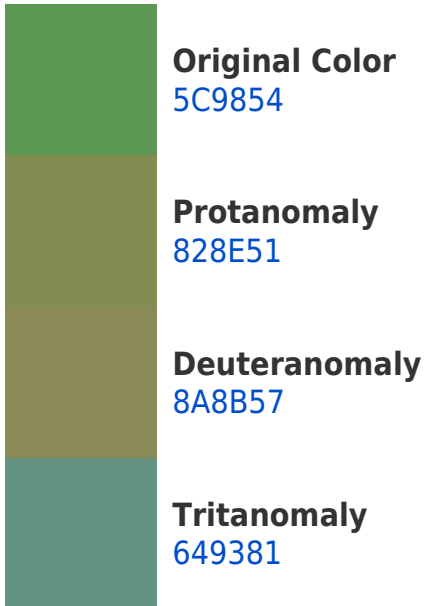
## Dichromacy



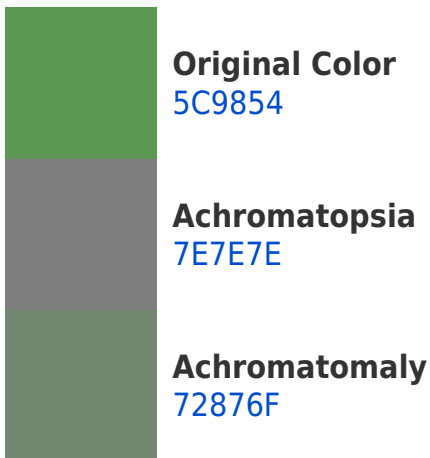


**Tritanopia**  
69909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C9854 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 #5C9854 looks like.

```
.text, #text, p{  
    color:#5C9854  
}
```

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 #5C9854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9854
}
```

## Border

The CSS property to change the border of an element to Hex 5C9854 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
#5C9854 }
```

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

```
.border{ border-color:#5C9854 }
```

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

Here you see how a box with a 4 pixel #5C9854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9854; -webkit-box-shadow:4px 4px  
4px 4px #5C9854; box-shadow:4px 4px 4px  
4px #5C9854 }
```

# Background

The CSS property to change the background color of an element to Hex 5C9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9854 }
```

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

```
.background{ background-color:#5C9854 }
```

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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