

# Converting Colors

Hex(5F9863)

Have a look what the booklet for  
Hex(5F9863) contains.

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# Color

**Hex(5F9863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9863
RGB	95, 152, 99
RGB Percent	37%, 60%, 39%
CMY	0.6275, 0.4039, 0.6118
CMYK	0.38, 0.00, 0.35, 0.40
HSL	124°, 23%, 48%
HSV	124°, 38%, 60%
XYZ	18.1997, 25.7902, 15.8232
YIQ	128.9150, -16.9590, -28.5670

# Conversions

## Conversions Part 2

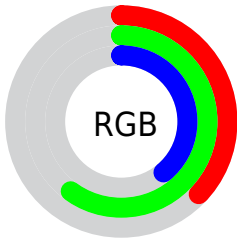
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 148, 152
Decimal	6264931
CIE <sub>Lab</sub>	57.84, -30.07, 22.16
CIE <sub>LCh</sub>	58, 37.355, 143.621
Yxy	25.7902, 0.3043, 0.4312
Android (android.graphics.Color)	4284455011 (0xFF5F9863)
YUV	128.9150, -14.7481, -29.7435
Hunter-Lab	50.7841, -24.9024, 17.0754

# Details

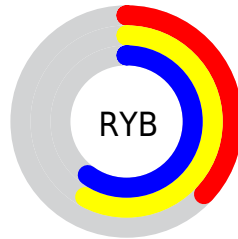
The Hex color **5F9863** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **985F94**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **94CF96**, and **2C6534** is the 20% darker color. If you saturate the color by 10%, you get **509855**, and if you desaturate by 10%, it is **6E9871**.

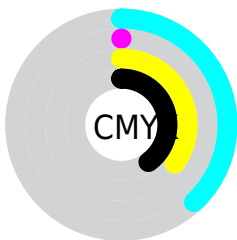
# Distribution



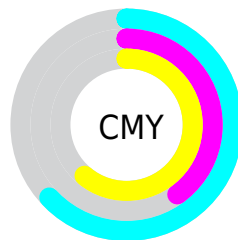
- Red (37%)
- Green (60%)
- Blue (39%)



- Red (37%)
- Yellow (58%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)



- Cyan (63%)
- Magenta (40%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F9863 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 5F9863 by changing the saturation by 10% instead.



 5F9863

 5F9863


FFFFFF

 467E4B

 94CF96

 2C6534

 AFEBB1

 114C1D

 CBFFCD

 003506

 E8FFE9

 002100

 000000

 5F9863

 5F9863

 509855

 6E9871

 419847

 7D987F

 319839

 8D988D

 22982A

 9C989C

 13981C

 AB98AA

 04980E

 BA98B8

 00980B

 C998C6

 D998D4

 E898E2

# Harmonies

## Analogous

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



85914E



5F9863



2B9C83

# Triad

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



5F9863



4890CB



C97273

# Complementary

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



5F9863



985F94

# 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.



C57193



5F9863



8485C7

# Square

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



5F9863



0098BF



AD79B2



BE7B57

# Rectangle

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



5F9863



009C99



AD79B2



CA717D



# Sweetspot

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



5F9863



AFC4B0



94985F



576357



E3E3E3



636363



# Same Dimension

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



5F9863



6CC472



5F987F



454D45



008C0A



000D01



# Inverse Universe

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



985F94



C46CBE



985F78



4D454C



8C0082



0D000C



# Previews

## White Background



This preview shows how the Hex color 5F9863 looks on a white background.

## Color Contrast Check

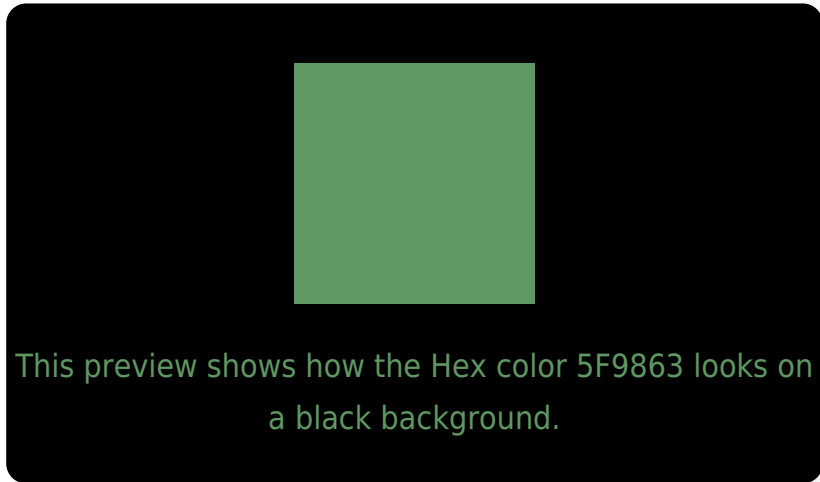
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F9863 Background



This preview shows how black text looks on a background with the Hex color 5F9863.

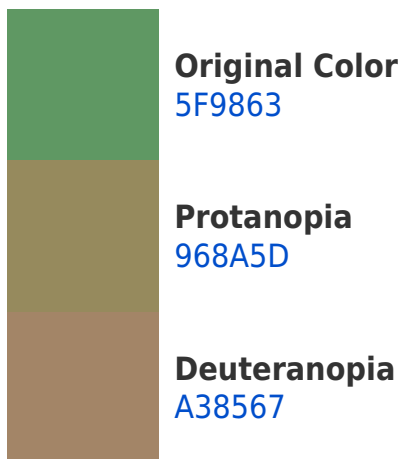



This preview shows how white text looks on a background with the Hex color 5F9863.

# 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](#).

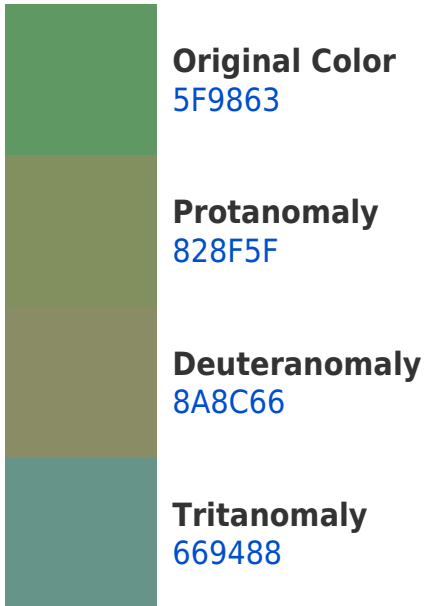
## Dichromacy





**Tritanopia**  
6A919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F9863 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 #5F9863 looks like.

```
.text, #text, p{  
    color:#5F9863  
}
```

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 #5F9863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9863
}
```

## Border

The CSS property to change the border of an element to Hex 5F9863 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
#5F9863 }
```

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

```
.border{ border-color:#5F9863 }
```

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

Here you see how a box with a 4 pixel #5F9863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9863; -webkit-box-shadow:4px 4px  
4px 4px #5F9863; box-shadow:4px 4px 4px  
4px #5F9863 }
```

# Background

The CSS property to change the background color of an element to Hex 5F9863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9863 }
```

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

```
.background{ background-color:#5F9863 }
```

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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