

# Converting Colors

Hex(5D8963)

Have a look what the booklet for  
Hex(5D8963) contains.

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# Color

Hex(5D8963)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D8963
RGB	93, 137, 99
RGB Percent	36%, 54%, 39%
CMY	0.6353, 0.4627, 0.6118
CMYK	0.32, 0.00, 0.28, 0.46
HSL	128°, 19%, 45%
HSV	128°, 32%, 54%
XYZ	15.7120, 21.1193, 15.0527
YIQ	119.5120, -14.0260, -21.1460

# Conversions

## Conversions Part 2

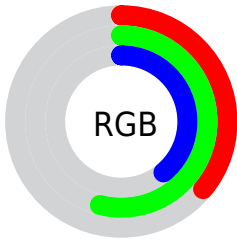
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 132, 137
Decimal	6130019
CIE <sub>Lab</sub>	53.08, -23.35, 15.69
CIE <sub>LCh</sub>	53, 28.129, 146.100
Yxy	21.1193, 0.3028, 0.4070
Android (android.graphics.Color)	4284320099 (0xFF5D8963)
YUV	119.5120, -10.1124, -23.2510
Hunter-Lab	45.9558, -19.3946, 12.7487

# Details

The Hex color **5D8963** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **895D83**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **91BF96**, and **2C5734** is the 20% darker color. If you saturate the color by 10%, you get **4F8957**, and if you desaturate by 10%, it is **6B896F**.

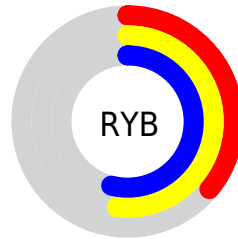
# Distribution



Red (36%)

Green (54%)

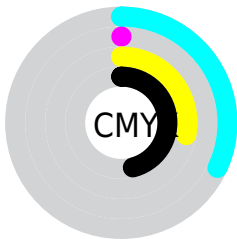
Blue (39%)



Red (36%)

Yellow (52%)

Blue (54%)

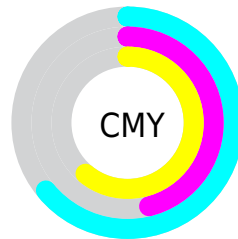


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (46%)



Cyan (64%)

Magenta (46%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D8963 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 5D8963 by changing the saturation by 10% instead.




 5D8963

 5D8963

FFFFFF

 446F4B

 91BF96

 2C5734

 ACDBB1

 143F1F

 C7F7CC

 002908

 E4FFE8

 001300

 000000

 5D8963

 5D8963

 4F8957

 6B896F

 42894B

 78897B

■ 348940

■ 868986

■ 268934

■ 948992

■ 188928

■ A2899E

■ 0B891C

■ AF89AA

■ 008913

■ BD89B6

■ CB89C2

■ D889CD

# Harmonies

## Analogous

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



798453



5D8963



3F8C7B

# Triad

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



5D8963



5882AF



AE6E6B

# Complementary

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



5D8963



895D83

# 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.



AB6C83



5D8963



7D7AAA

# Square

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



5D8963



3288A6



9A719A



A57457

# Rectangle

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



5D8963



2C8C8B



9A719A



AE6D72



# Sweetspot

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



5D8963



A1B3A3



83895D



4F5950



D9D9D9



595959



# Same Dimension

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



5D8963



6DB376



5D8979



3E453F



008512



000501



# Inverse Universe

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



895D83



B36DA9



895D6D



453E44



850073

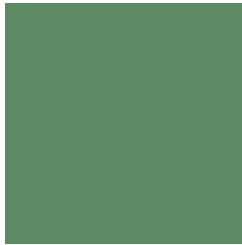


050004



# Previews

## White Background



This preview shows how the Hex color 5D8963 looks on a white background.

## Color Contrast Check

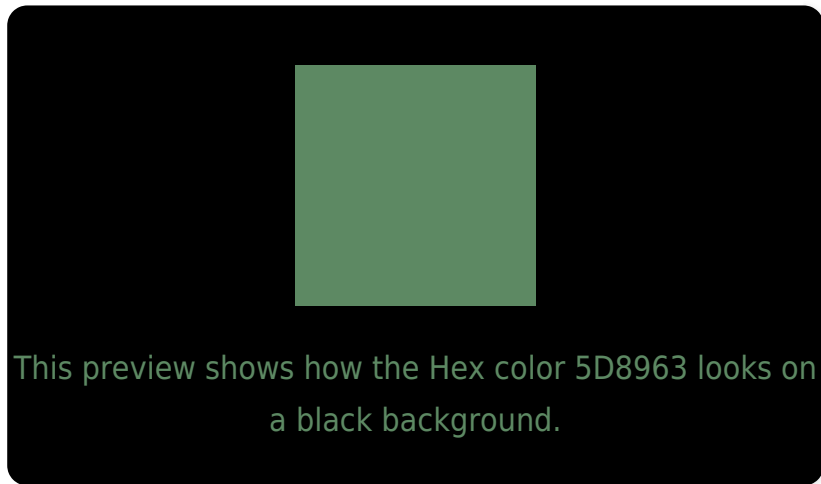
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D8963 Background



This preview shows how black text looks on a background with the Hex color 5D8963.



This preview shows how white text looks on a background with the Hex color 5D8963.

# 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](#).

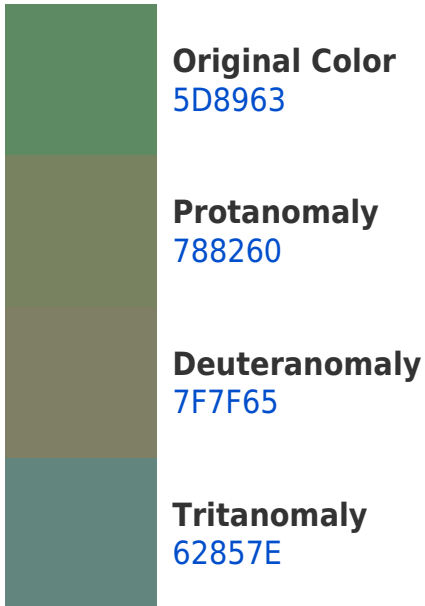
## Dichromacy





**Tritanopia**  
65838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D8963 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 #5D8963 looks like.

```
.text, #text, p{  
    color:#5D8963  
}
```

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 #5D8963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8963
}
```

## Border

The CSS property to change the border of an element to Hex 5D8963 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
#5D8963 }
```

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

```
.border{ border-color:#5D8963 }
```

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

Here you see how a box with a 4 pixel #5D8963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8963; -webkit-box-shadow:4px 4px  
4px 4px #5D8963; box-shadow:4px 4px 4px  
4px #5D8963 }
```

# Background

The CSS property to change the background color of an element to Hex 5D8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8963 }
```

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

```
.background{ background-color:#5D8963 }
```

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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