

# Converting Colors

Hex(597963)

Have a look what the booklet for  
Hex(597963) contains.

<b>Hex(597963)</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(597963)

# Conversions

## Conversions Part 1

Format	Color
Hex	597963
RGB	89, 121, 99
RGB Percent	35%, 47%, 39%
CMY	0.6510, 0.5255, 0.6118
CMYK	0.26, 0.00, 0.18, 0.53
HSL	139°, 15%, 41%
HSV	139°, 26%, 47%
XYZ	13.2093, 16.6994, 14.3315
YIQ	108.9240, -12.0100, -13.6260

# Conversions

## Conversions Part 2

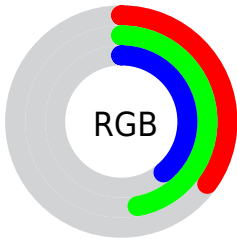
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 113, 121
Decimal	5863779
CIELab	47.88, -16.35, 8.40
CIElCh	48, 18.382, 152.806
Yxy	16.6994, 0.2986, 0.3775
Android (android.graphics.Color)	4284053859 (0xFF597963)
YUV	108.9240, -4.8925, -17.4733
Hunter-Lab	40.8650, -13.8147, 7.8122

# Details

The Hex color **597963** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79596F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8CAD96**, and **2A4834** is the 20% darker color. If you saturate the color by 10%, you get **4D795B**, and if you desaturate by 10%, it is **65796B**.

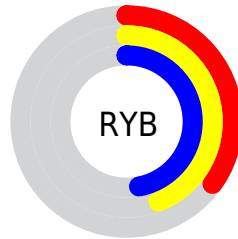
# Distribution



Red (35%)

Green (47%)

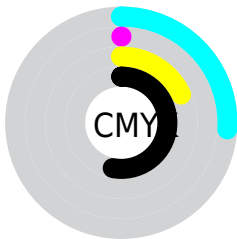
Blue (39%)



Red (35%)

Yellow (44%)

Blue (47%)

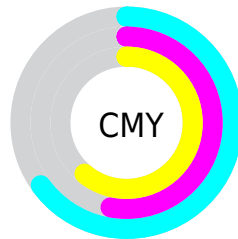


Cyan (26%)

Magenta (0%)

Yellow (18%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 597963 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 597963 by changing the saturation by 10% instead.



■ 597963

■ 597963

FFFFFF

■ 41604B

■ 8CAD96

■ 2A4834

■ A6C9B0

■ 14321F

■ C2E5CC

■ 001D08

■ DEFFE8

■ 000000

■ FAFFFF

■ 597963

■ 597963

■ 4D795B

■ 65796B

■ 417952

■ 717974

■ 35794A

■ 7D797C

■ 297942

■ 897984

■ 1C7939

■ 95798D

■ 107931

■ A27995

■ 047929

■ AE799D

■ 007926

■ BA79A6

■ C679AE

# Harmonies

## Analogous

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



6B7657



597963



4A7A73

# Triad

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



597963



617390



906862

# Complementary

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



597963



79596F

# 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.



906671



597963



766D8C

# Square

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



597963



4D778D



876880



896C57

# Rectangle

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



597963



457A7D



876880



916766



# Sweetspot

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



597963



919E95



6F7959



474F4A



CFCFCF



4F4F4F



# Same Dimension

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



597963



6C9E7B



597973



373D39



007D27



00FC4F



# Inverse Universe

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



79596F



9E6C8E



79595F



3D373B



7D0056

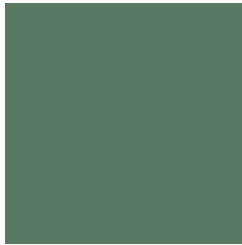


FC00AE



# Previews

## White Background



This preview shows how the Hex color 597963 looks on a white background.

## Color Contrast Check

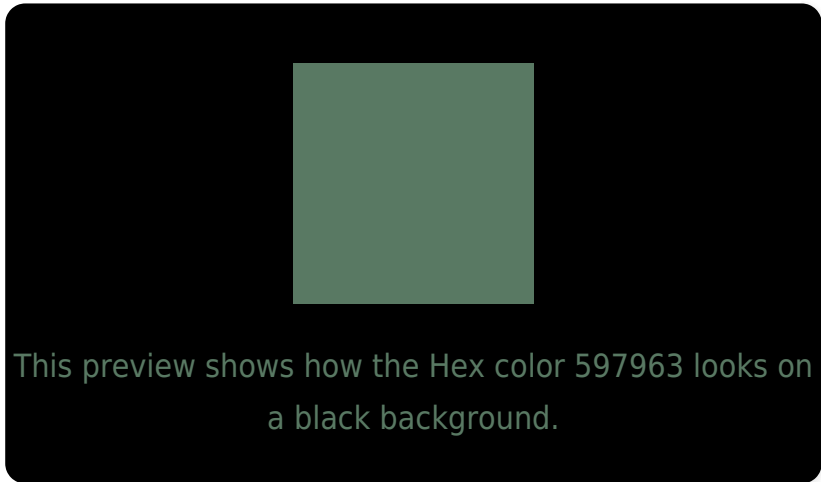
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

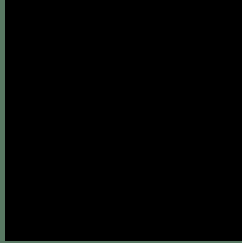
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

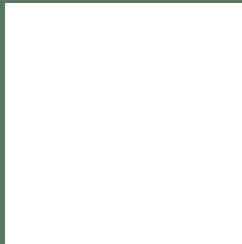
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 597963 Background



This preview shows how black text looks on a background with the Hex color 597963.



This preview shows how white text looks on a background with the Hex color 597963.

# 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



**Original Color**  
597963

**Protanopia**  
77715F

**Deuteranopia**  
816D65



**Tritanopia**  
5E757F

# Trichromacy



**Original Color**  
597963

**Protanomaly**  
6C7460

**Deuteranomaly**  
727164

**Tritanomaly**  
5C7675

# Monochromacy



**Original Color**  
597963

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
667169

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 597963 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 #597963 looks like.

```
.text, #text, p{  
    color:#597963  
}
```

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 #597963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597963
}
```

## Border

The CSS property to change the border of an element to Hex 597963 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
#597963 }
```

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

```
.border{ border-color:#597963 }
```

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

Here you see how a box with a 4 pixel #597963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597963; -webkit-box-shadow:4px 4px  
4px 4px #597963; box-shadow:4px 4px 4px  
4px #597963 }
```

# Background

The CSS property to change the background color of an element to Hex 597963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597963 }
```

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

```
.background{ background-color:#597963 }
```

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