

# Converting Colors

Hex(5F894D)

Have a look what the booklet for  
Hex(5F894D) contains.

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# Color

Hex(5F894D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F894D
RGB	95, 137, 77
RGB Percent	37%, 54%, 30%
CMY	0.6275, 0.4627, 0.6980
CMYK	0.31, 0.00, 0.44, 0.46
HSL	102°, 28%, 42%
HSV	102°, 44%, 54%
XYZ	15.0045, 20.8600, 10.2567
YIQ	117.6020, -5.7720, -27.5640

# Conversions

## Conversions Part 2

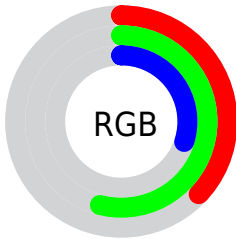
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 137, 119
Decimal	6261069
CIELab	52.80, -26.31, 27.61
CIELCh	53, 38.137, 133.611
Yxy	20.8600, 0.3253, 0.4523
Android (android.graphics.Color)	4284451149 (0xFF5F894D)
YUV	117.6020, -20.0168, -19.8220
Hunter-Lab	45.6728, -21.2862, 18.6562

# Details

The Hex color **5F894D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **774D89**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **93BF7F**, and **2E571F** is the 20% darker color. If you saturate the color by 10%, you get **55893F**, and if you desaturate by 10%, it is **69895B**.

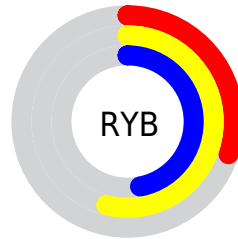
# Distribution



Red (37%)

Green (54%)

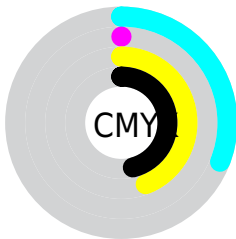
Blue (30%)



Red (30%)

Yellow (54%)

Blue (47%)

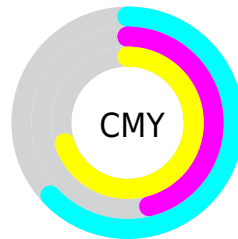


Cyan (31%)

Magenta (0%)

Yellow (44%)

Black (46%)



Cyan (63%)

Magenta (46%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F894D 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 5F894D by changing the saturation by 10% instead.



 5F894D

 5F894D

FFFFFF

 466F35

 93BF7F

 2E571F

 AEDB99

 153F07

 CAF7B4

 002900

 E7FFD0

 001100

 FFFFEC

 000000

 5F894D

 5F894D

 55893F

 69895B

 4C8932

 728968

■ 428924

■ 7C8976

■ 398916

■ 858984

■ 2F8908

■ 8F8991

■ 298900

■ 99899F

■ A289AD

■ AC89BB

■ B589C8

# Harmonies

## Analogous

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



83813C



5F894D



2E8E6A

# Triad

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



5F894D



0287BC



BC6370

# Complementary

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



5F894D



774D89

# 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.



B26591



5F894D



637CBE

# Square

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



5F894D



008DAA



9470AE



B66A52

# Rectangle

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



5F894D



008F81



9470AE



BB637B



# Sweetspot

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



5F894D



A2B39B



89774D



4F594B



D9D9D9



595959



# Same Dimension

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



5F894D



70B354



4D8959



40453E



288500



020500



# Inverse Universe

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



774D89



9654B3



894D7D



433E45



5D0085



040005



# Previews

## White Background



This preview shows how the Hex color 5F894D looks on a white background.

## Color Contrast Check

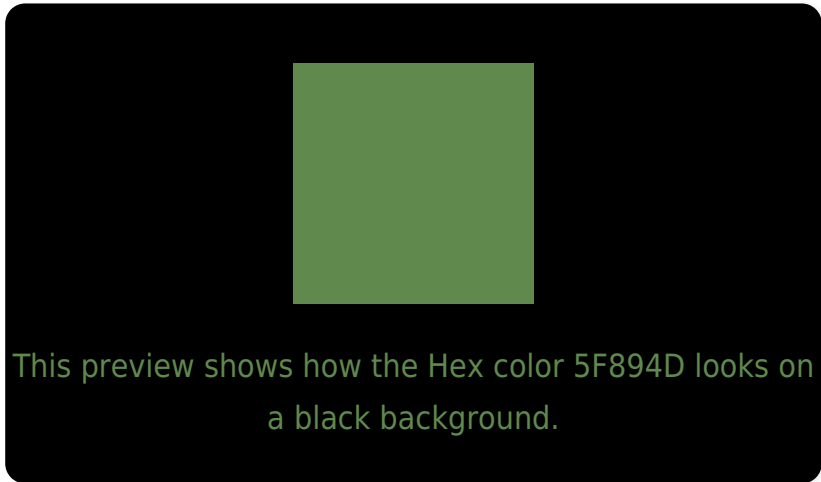
Large Text (above 18pt) WCAG AA ✓ Pass

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

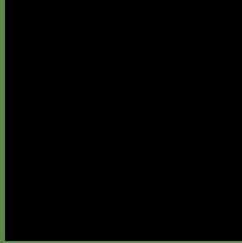
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F894D Background



This preview shows how black text looks on a background with the Hex color 5F894D.



This preview shows how white text looks on a background with the Hex color 5F894D.

# 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**  
5F894D

**Protanopia**  
8A7E49

**Deuteranopia**  
977851



**Tritanopia**  
69828C

# Trichromacy



**Original Color**  
5F894D

**Protanomaly**  
7A824A

**Deuteranomaly**  
837E50

**Tritanomaly**  
658575

# Monochromacy



**Original Color**  
5F894D

**Achromatopsia**  
767676

**Achromatomaly**  
6E7D67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F894D 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 #5F894D looks like.

```
.text, #text, p{  
    color:#5F894D  
}
```

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 #5F894D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F894D
}
```

## Border

The CSS property to change the border of an element to Hex 5F894D 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
#5F894D }
```

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

```
.border{ border-color:#5F894D }
```

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

Here you see how a box with a 4 pixel #5F894D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F894D; -webkit-box-shadow:4px 4px  
4px 4px #5F894D; box-shadow:4px 4px 4px  
4px #5F894D }
```

# Background

The CSS property to change the background color of an element to Hex 5F894D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F894D }
```

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

```
.background{ background-color:#5F894D }
```

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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