

# Converting Colors

Hex(5D834D)

Have a look what the booklet for  
Hex(5D834D) contains.

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# Color

**Hex(5D834D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D834D
RGB	93, 131, 77
RGB Percent	36%, 51%, 30%
CMY	0.6353, 0.4863, 0.6980
CMYK	0.29, 0.00, 0.41, 0.49
HSL	102°, 26%, 41%
HSV	102°, 41%, 51%
XYZ	13.9701, 19.0956, 9.9707
YIQ	113.4820, -5.3140, -24.8500

# Conversions

## Conversions Part 2

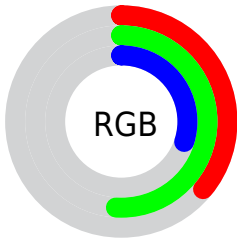
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 131, 115
Decimal	6128461
CIELab	50.80, -24.06, 25.02
CIELCh	51, 34.711, 133.871
Yxy	19.0956, 0.3246, 0.4437
Android (android.graphics.Color)	4284318541 (0xFF5D834D)
YUV	113.4820, -17.9856, -17.9627
Hunter-Lab	43.6985, -19.4073, 17.0607

# Details

The Hex color **5D834D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **734D83**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **91B87F**, and **2C511F** is the 20% darker color. If you saturate the color by 10%, you get **548340**, and if you desaturate by 10%, it is **66835A**.

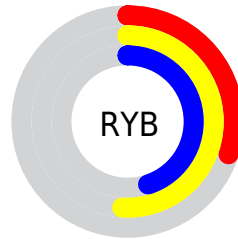
# Distribution



Red (36%)

Green (51%)

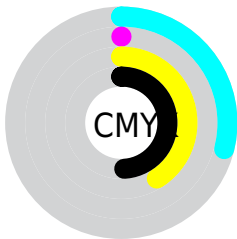
Blue (30%)



Red (30%)

Yellow (51%)

Blue (45%)

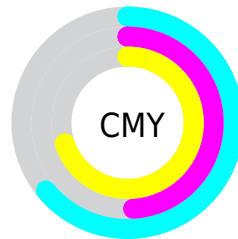


Cyan (29%)

Magenta (0%)

Yellow (41%)

Black (49%)



Cyan (64%)

Magenta (49%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D834D 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 5D834D by changing the saturation by 10% instead.



 5D834D

 5D834D

FFFFFF

 446A36

 91B87F

 2C511F

 ACD499

 143A08

 C7F0B4

 002400

 E4FFD0

 000500

 FFFFEC

 000000

 5D834D

 5D834D

 548340

 66835A

 4B8333

 6F8367

■ 418326

■ 798374

■ 388319

■ 828381

■ 2F830B

■ 8B838E

■ 278300

■ 94839C

■ 9E83A9

■ A783B6

■ B083C3

# Harmonies

## Analogous

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



7E7C3E



5D834D



338768

# Triad

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



5D834D



2181B1



B2616C

# Complementary

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



5D834D



734D83

# 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.



A8638A



5D834D



6277B2

# Square

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



5D834D



0086A1



8D6CA4



AC6751

# Rectangle

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



5D834D



00887C



8D6CA4



B06176



# Sweetspot

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



5D834D



9CAB96



83734D



4E574B



D6D6D6



575757



# Same Dimension

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



5D834D



70AB57



4D8358



3E423C



278200



010300



# Inverse Universe

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



734D83



9257AB



834D78



403C42



5C0082



020003



# Previews

## White Background



This preview shows how the Hex color 5D834D looks on a white background.

## Color Contrast Check

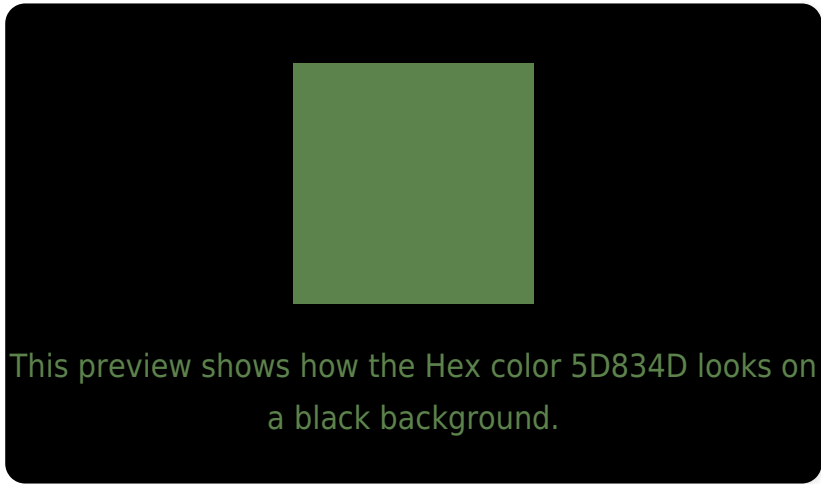
Large Text (above 18pt) WCAG AA ✓ Pass

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

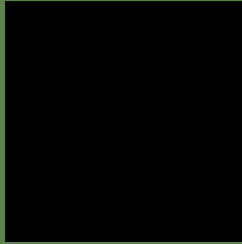
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D834D Background



This preview shows how black text looks on a background with the Hex color 5D834D.



This preview shows how white text looks on a background with the Hex color 5D834D.

# 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**  
5D834D

**Protanopia**  
847949

**Deuteranopia**  
907351



**Tritanopia**  
667C86

# Trichromacy



**Original Color**  
5D834D

**Protanomaly**  
767D4A

**Deuteranomaly**  
7D7950

**Tritanomaly**  
637F71

# Monochromacy



**Original Color**  
5D834D

**Achromatopsia**  
717171

**Achromatomaly**  
6A7864

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D834D 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 #5D834D looks like.

```
.text, #text, p{  
    color:#5D834D  
}
```

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 #5D834D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D834D
}
```

## Border

The CSS property to change the border of an element to Hex 5D834D 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
#5D834D }
```

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

```
.border{ border-color:#5D834D }
```

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

Here you see how a box with a 4 pixel #5D834D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D834D; -webkit-box-shadow:4px 4px  
4px 4px #5D834D; box-shadow:4px 4px 4px  
4px #5D834D }
```

# Background

The CSS property to change the background color of an element to Hex 5D834D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D834D }
```

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

```
.background{ background-color:#5D834D }
```

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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