

# Converting Colors

Hex(5B823D)

Have a look what the booklet for  
Hex(5B823D) contains.

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# Color

Hex(5B823D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B823D
RGB	91, 130, 61
RGB Percent	36%, 51%, 24%
CMY	0.6431, 0.4902, 0.7608
CMYK	0.30, 0.00, 0.53, 0.49
HSL	94°, 36%, 37%
HSV	94°, 53%, 51%
XYZ	13.1393, 18.5263, 7.2983
YIQ	110.4730, -1.0950, -29.7270

# Conversions

## Conversions Part 2

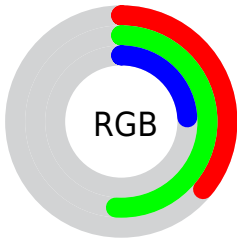
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 130, 100
Decimal	5997117
CIELab	50.13, -26.50, 32.77
CIELCh	50, 42.148, 128.964
Yxy	18.5263, 0.3372, 0.4755
Android (android.graphics.Color)	4284187197 (0xFF5B823D)
YUV	110.4730, -24.3902, -17.0778
Hunter-Lab	43.0422, -20.8339, 20.0763

# Details

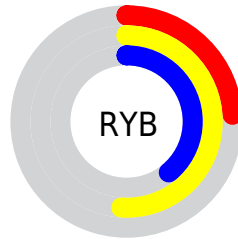
The Hex color **5B823D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **643D82**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8FB76E**, and **29500D** is the 20% darker color. If you saturate the color by 10%, you get **548230**, and if you desaturate by 10%, it is **62824A**.

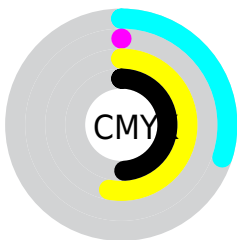
# Distribution



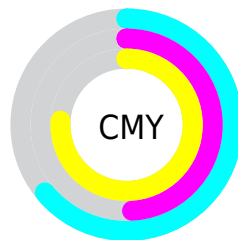
- Red (36%)
- Green (51%)
- Blue (24%)



- Red (24%)
- Yellow (51%)
- Blue (39%)



- Cyan (30%)
- Magenta (0%)
- Yellow (53%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B823D 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 5B823D by changing the saturation by 10% instead.



 5B823D

 5B823D

FFFFFF

 426925

 8FB76E

 29500D

 AAD388

 123900

 C6EFA3

 002400

 E2FFBE

 000100

 FFFFDA

 000000

 FFFFF7

 5B823D

 5B823D

 548230

 62824A

■ 4C8223

■ 6A8257

■ 458216

■ 718264

■ 3E8209

■ 788271

■ 398200

■ 80827E

■ 87828B

■ 8E8298

■ 9682A5

■ 9D82B2

# Harmonies

## Analogous

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



82792D



5B823D



21875C

# Triad

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



5B823D



0082BA



BA586E

# Complementary

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



5B823D



643D82

# 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.



AC5C92



5B823D



4B77BE

# Square

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



5B823D



0088A3



8869AF



B55F4C

# Rectangle

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



5B823D



008975



8869AF



B7587A



# Sweetspot

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



5B823D



99A88D



82633D



4B5444



D4D4D4



545454



# Same Dimension

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



5B823D



6BA83D



3D8240



3C4039



378000



000000



# Inverse Universe

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



643D82



793DA8



823D7F



3D3940



480080



000000



# Previews

## White Background



This preview shows how the Hex color 5B823D looks on a white background.

## Color Contrast Check

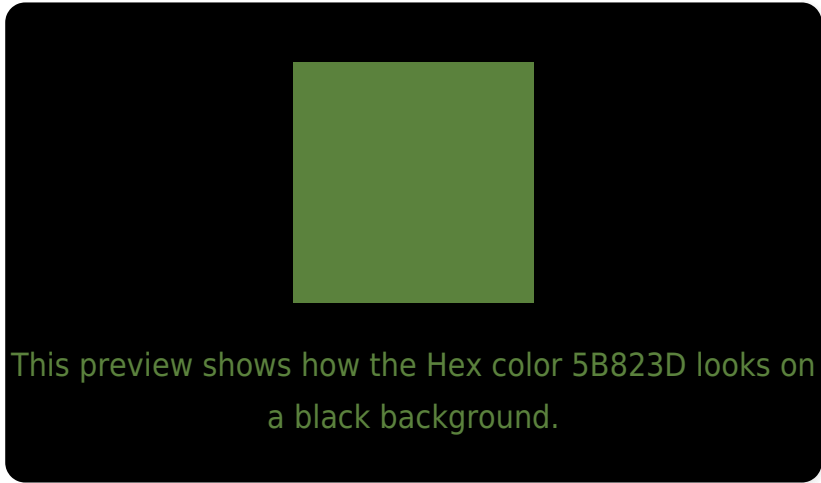
Large Text (above 18pt) WCAG AA ✓ Pass

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

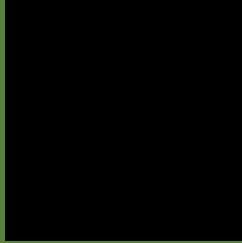
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5B823D Background



This preview shows how black text looks on a background with the Hex color 5B823D.



This preview shows how white text looks on a background with the Hex color 5B823D.

# 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](#).

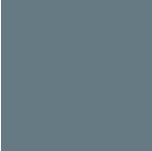
## Dichromacy



**Original Color**  
5B823D

**Protanopia**  
847739

**Deuteranopia**  
917141



**Tritanopia**  
667A84

# Trichromacy



**Original Color**  
5B823D

**Protanomaly**  
757B3A

**Deuteranomaly**  
7D7740

**Tritanomaly**  
627D6A

# Monochromacy



**Original Color**  
5B823D

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
67755C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B823D 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 #5B823D looks like.

```
.text, #text, p{  
    color:#5B823D  
}
```

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 #5B823D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B823D
}
```

## Border

The CSS property to change the border of an element to Hex 5B823D 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
#5B823D }
```

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

```
.border{ border-color:#5B823D }
```

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

Here you see how a box with a 4 pixel #5B823D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B823D; -webkit-box-shadow:4px 4px  
4px 4px #5B823D; box-shadow:4px 4px 4px  
4px #5B823D }
```

# Background

The CSS property to change the background color of an element to Hex 5B823D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B823D }
```

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

```
.background{ background-color:#5B823D }
```

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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