

Converting Colors

Hex(6D823D)

Have a look what the booklet for
Hex(6D823D) contains.

Hex(6D823D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D823D)

Conversions

Conversions Part 1

Format	Color
Hex	6D823D
RGB	109, 130, 61
RGB Percent	43%, 51%, 24%
CMY	0.5725, 0.4902, 0.7608
CMYK	0.16, 0.00, 0.53, 0.49
HSL	78°, 36%, 37%
HSV	78°, 53%, 51%
XYZ	15.1316, 19.5534, 7.3915
YIQ	115.8550, 9.6330, -25.9110

Conversions

Conversions Part 2

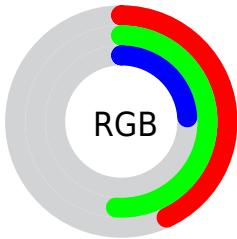
Format	Color
RYB	61, 130, 82
Decimal	7176765
CIELab	51.33, -19.22, 34.50
CIElCh	51, 39.489, 119.124
Yxy	19.5534, 0.3596, 0.4647
Android (android.graphics.Color)	4285366845 (0xFF6D823D)
YUV	115.8550, -27.0435, -6.0118
Hunter-Lab	44.2192, -16.3018, 21.0427

Details

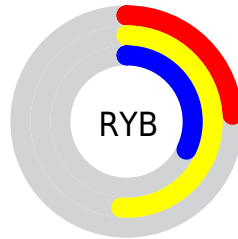
The Hex color **6D823D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **523D82**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A2B76E**, and **3B510D** is the 20% darker color. If you saturate the color by 10%, you get **698230**, and if you desaturate by 10%, it is **71824A**.

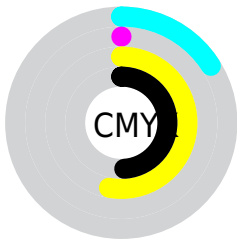
Distribution



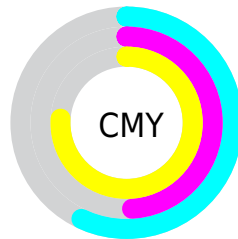
- Red (43%)
- Green (51%)
- Blue (24%)



- Red (24%)
- Yellow (51%)
- Blue (32%)



- Cyan (16%)
- Magenta (0%)
- Yellow (53%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D823D 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 6D823D by changing the saturation by 10% instead.



6D823D



6D823D

FFFFFF



546925



A2B76E



3B510D



BDD388



243A00



DAEFA3



0B2400



F7FFBE



000900



FFFFDA



000000



FFFFF7



6D823D



6D823D



698230



71824A

■ 658223

■ 758257

■ 618216

■ 798264

■ 5D8209

■ 7D8271

■ 5A8200

■ 81827E

■ 85828B

■ 898298

■ 8D82A5

■ 9182B2

Harmonies

Analogous

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



8F7835



6D823D



428856

Triad

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



6D823D



0087B4



B75E7D

Complementary

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



6D823D



523D82

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.



A3659D



6D823D



3A7EBE

Square

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



6D823D



008B9A



7B72B5



B8615B

Rectangle

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



6D823D



0D8B6C



7B72B5



B35F88

Sweetspot

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



6D823D



A0A88D



82523D



4F5444



D4D4D4



545454

Same Dimension

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



6D823D



88A83D



4B823D



3E4039



598000



000000

Inverse Universe

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



523D82



5D3DA8



743D82



3B3940



270080



000000

Previews

White Background



This preview shows how the Hex color 6D823D 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

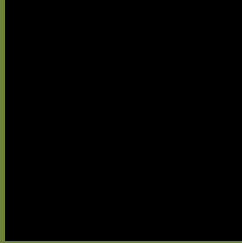
Any Text WCAG AA ✓ Pass

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 6D823D Background



This preview shows how black text looks on a background with the Hex color 6D823D.



This preview shows how white text looks on a background with the Hex color 6D823D.

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
6D823D

Protanopia
877A3A

Deuteranopia
967441

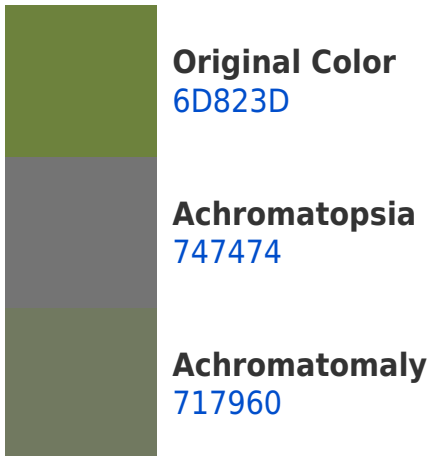


Tritanopia
767A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D823D 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 #6D823D looks like.

```
.text, #text, p{  
    color:#6D823D  
}
```

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 #6D823D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D823D
}
```

Border

The CSS property to change the border of an element to Hex 6D823D 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
#6D823D }
```

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

```
.border{ border-color:#6D823D }
```

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

Here you see how a box with a 4 pixel #6D823D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D823D; -webkit-box-shadow:4px 4px  
4px 4px #6D823D; box-shadow:4px 4px 4px  
4px #6D823D }
```

Background

The CSS property to change the background color of an element to Hex 6D823D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D823D }
```

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

```
.background{ background-color:#6D823D }
```

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