

# Converting Colors

Hex(48823D)

Have a look what the booklet for  
Hex(48823D) contains.

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# Color

Hex(48823D)

# Conversions

## Conversions Part 1

Format	Color
Hex	48823D
RGB	72, 130, 61
RGB Percent	28%, 51%, 24%
CMY	0.7176, 0.4902, 0.7608
CMYK	0.45, 0.00, 0.53, 0.49
HSL	110°, 36%, 37%
HSV	110°, 53%, 51%
XYZ	11.4974, 17.6799, 7.2215
YIQ	104.7920, -12.4190, -33.7550

# Conversions

## Conversions Part 2

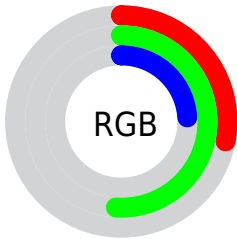
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 130, 119
Decimal	4751933
CIELab	49.11, -33.35, 31.29
CIELCh	49, 45.731, 136.818
Yxy	17.6799, 0.3159, 0.4857
Android (android.graphics.Color)	4282942013 (0xFF48823D)
YUV	104.7920, -21.5895, -28.7586
Hunter-Lab	42.0475, -24.7742, 19.2504

# Details

The Hex color **48823D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **773D82**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7CB76E**, and **11500E** is the 20% darker color. If you saturate the color by 10%, you get **3D8230**, and if you desaturate by 10%, it is **53824A**.

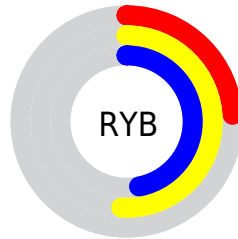
# Distribution



Red (28%)

Green (51%)

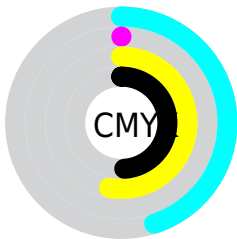
Blue (24%)



Red (24%)

Yellow (51%)

Blue (47%)

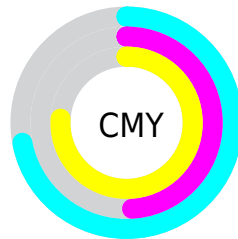


Cyan (45%)

Magenta (0%)

Yellow (53%)

Black (49%)



Cyan (72%)

Magenta (49%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48823D 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 48823D by changing the saturation by 10% instead.





48823D



48823D

FFFFFF



2E6926



7CB76E



11500E



97D388



003800



B3F0A3



002400



CFFFBE



000000



ECFFDA



FFFFFF7



48823D



48823D



3D8230



53824A

■ 328223

■ 5E8257

■ 278216

■ 698264

■ 1C8209

■ 748271

■ 158200

■ 7F827E

■ 8A828B

■ 948298

■ 9F82A5

■ AA82B2

# Harmonies

## Analogous

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



757925



48823D



008762

# Triad

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



48823D



007EC0



BC5360

# Complementary

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



48823D



773D82

# 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.



B35487



48823D



5771BF

# Square

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



48823D



0085AC



9361AA



B25E3E

# Rectangle

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



48823D



00887D



9361AA



BB516D



# Sweetspot

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



48823D



92A88D



82773D



475444



D4D4D4



545454



# Same Dimension

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



48823D



4EA83D



3D8254



3A4039



148000



000000



# Inverse Universe

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



773D82



973DA8



823D6B



3F3940



6B0080



000000



# Previews

## White Background



This preview shows how the Hex color 48823D looks on a white background.

### Color Contrast Check

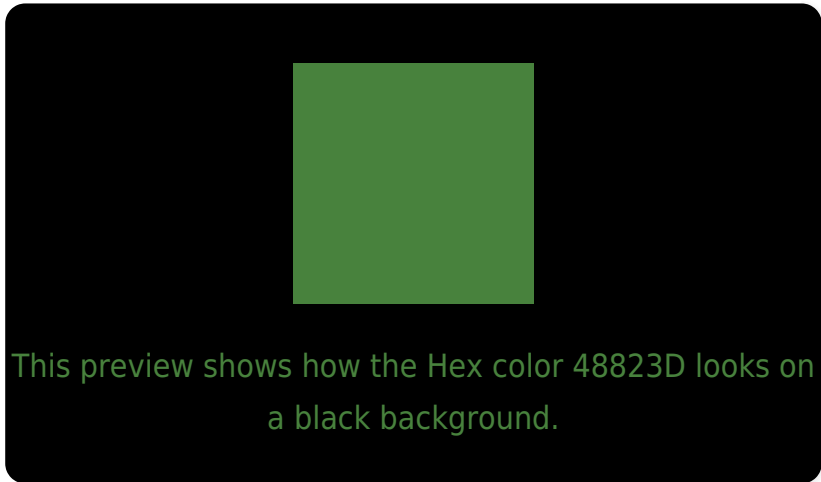
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

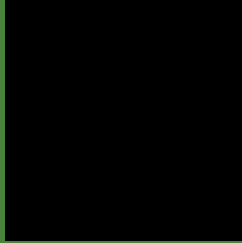
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 48823D Background



This preview shows how black text looks on a background with the Hex color 48823D.



This preview shows how white text looks on a background with the Hex color 48823D.

# 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**  
48823D

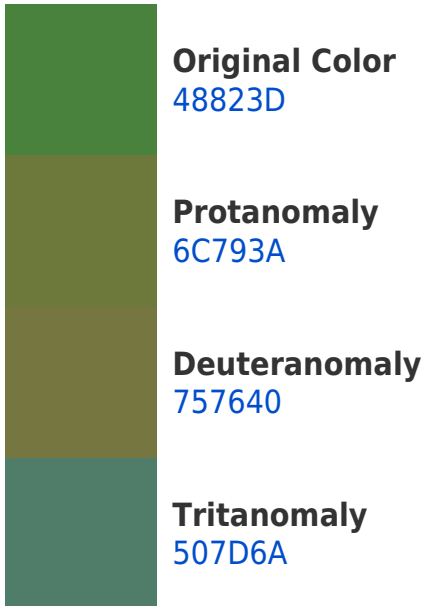
**Protanopia**  
817438

**Deuteranopia**  
8E6F42

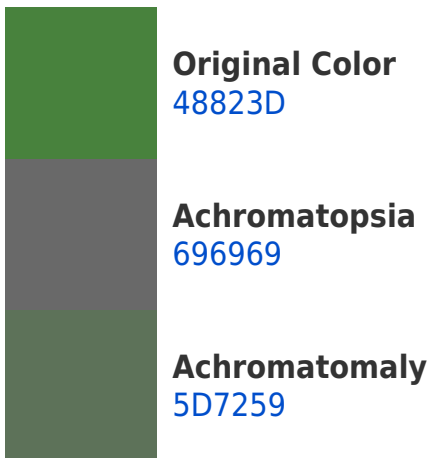


**Tritanopia**  
557A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48823D 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 #48823D looks like.

```
.text, #text, p{  
    color:#48823D  
}
```

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 #48823D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48823D
}
```

## Border

The CSS property to change the border of an element to Hex 48823D 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".

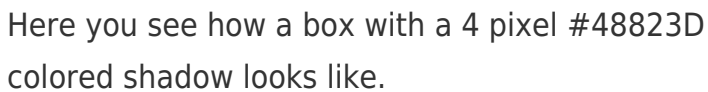
```
.border, #border, table{ border:4px solid
#48823D }
```

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

```
.border{ border-color:#48823D }
```

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

Here you see how a box with a 4 pixel #48823D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48823D; -webkit-box-shadow:4px 4px  
4px 4px #48823D; box-shadow:4px 4px 4px  
4px #48823D }
```

# Background

The CSS property to change the background color of an element to Hex 48823D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48823D }
```

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

```
.background{ background-color:#48823D }
```

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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