

Converting Colors

Hex(47683A)

Have a look what the booklet for
Hex(47683A) contains.

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Color

Hex(47683A)

Conversions

Conversions Part 1

Format	Color
Hex	47683A
RGB	71, 104, 58
RGB Percent	28%, 41%, 23%
CMY	0.7216, 0.5922, 0.7725
CMYK	0.32, 0.00, 0.44, 0.59
HSL	103°, 28%, 32%
HSV	103°, 44%, 41%
XYZ	8.3126, 11.5457, 5.7934
YIQ	88.8890, -4.9020, -21.3020

Conversions

Conversions Part 2

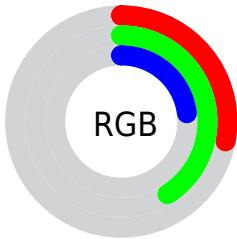
Format	Color
RYB	58, 104, 91
Decimal	4679738
CIELab	40.48, -21.53, 22.16
CIElCh	40, 30.899, 134.167
Yxy	11.5457, 0.3241, 0.4501
Android (android.graphics.Color)	4282869818 (0xFF47683A)
YUV	88.8890, -15.2283, -15.6887
Hunter-Lab	33.9790, -15.7952, 13.6763

Details

The Hex color **47683A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B3A68**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **799B6A**, and **18390E** is the 20% darker color. If you saturate the color by 10%, you get **406830**, and if you desaturate by 10%, it is **4E6844**.

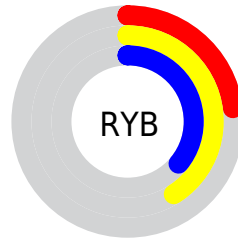
Distribution



Red (28%)

Green (41%)

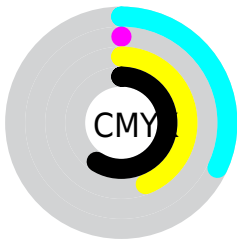
Blue (23%)



Red (23%)

Yellow (41%)

Blue (36%)

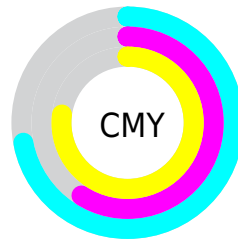


Cyan (32%)

Magenta (0%)

Yellow (44%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47683A 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 47683A by changing the saturation by 10% instead.

 47683A

 47683A


FFFFFF

 2F5024

 799B6A

 18390E

 93B683

 012300

 AED29E

 000300

 CAEEB9

 000000

 E6FFD4

 FFFFF1

 47683A


 47683A

 406830

 4E6844

 386825

 56684F

 31681B

 5D6859

 296810

 656864

 226806

 6C686E

 1D6800

 746878

 7B6883

 83688D

 8A6898

Harmonies

Analogous

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



63622D



47683A



216C51

Triad

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



47683A



0A6690



904B54

Complementary

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



47683A



5B3A68

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.



884C6E



47683A



4C5E90

Square

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



47683A



006B82



715484



8A503D

Rectangle

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



47683A



006C62



715484



8E4A5D

Sweetspot

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



47683A



7B8776



685B3A



3D453A



C4C4C4



454545

Same Dimension

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



47683A



548740



3A6844



2F332E



207300



44F200

Inverse Universe

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



5B3A68



734087



683A5E



322E33



520073



AE00F2

Previews

White Background



This preview shows how the Hex color 47683A looks on a white background.

Color Contrast Check

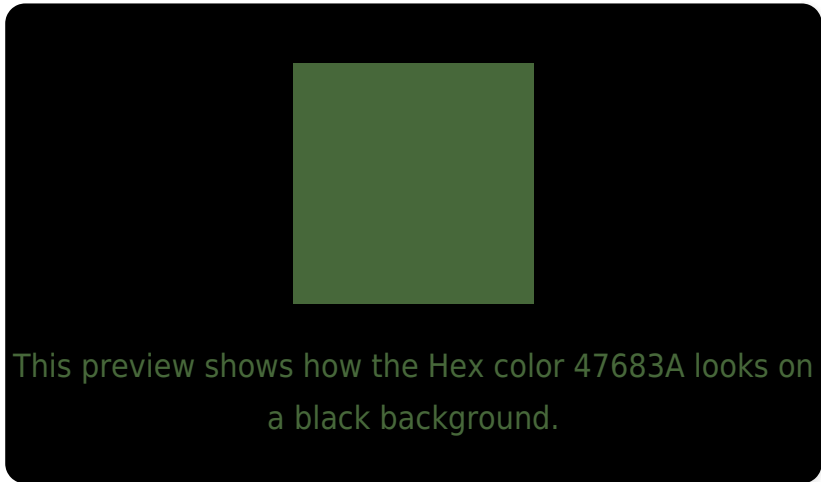
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 47683A Background



This preview shows how black text looks on a background with the Hex color 47683A.



This preview shows how white text looks on a background with the Hex color 47683A.

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](#).

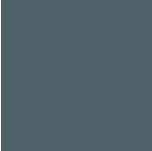
Dichromacy



Original Color
47683A

Protanopia
685F37

Deuteranopia
735B3D



Tritanopia
4F626A

Trichromacy



Original Color
47683A

Protanomaly
5C6238

Deuteranomaly
63603C

Tritanomaly
4C6459

Monochromacy



Original Color
47683A

Achromatopsia
595959

Achromatomaly
525E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 47683A 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 #47683A looks like.

```
.text, #text, p{  
    color:#47683A  
}
```

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 #47683A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47683A
}
```

Border

The CSS property to change the border of an element to Hex 47683A 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".

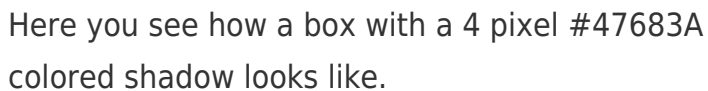
```
.border, #border, table{ border:4px solid
#47683A }
```

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

```
.border{ border-color:#47683A }
```

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

Here you see how a box with a 4 pixel #47683A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47683A; -webkit-box-shadow:4px 4px  
4px 4px #47683A; box-shadow:4px 4px 4px  
4px #47683A }
```

Background

The CSS property to change the background color of an element to Hex 47683A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47683A }
```

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

```
.background{ background-color:#47683A }
```

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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