

# Converting Colors

Hex(47623A)

Have a look what the booklet for  
Hex(47623A) contains.

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# Color

Hex(47623A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47623A
RGB	71, 98, 58
RGB Percent	28%, 38%, 23%
CMY	0.7216, 0.6157, 0.7725
CMYK	0.28, 0.00, 0.41, 0.62
HSL	100°, 26%, 31%
HSV	100°, 41%, 38%
XYZ	7.7299, 10.3804, 5.5992
YIQ	85.3670, -3.2520, -18.1640

# Conversions

## Conversions Part 2

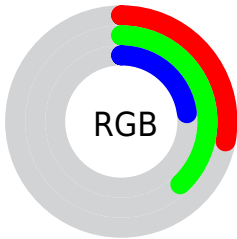
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 98, 85
Decimal	4678202
CIELab	38.52, -18.36, 19.62
CIElCh	39, 26.870, 133.095
Yxy	10.3804, 0.3260, 0.4378
Android (android.graphics.Color)	4282868282 (0xFF47623A)
YUV	85.3670, -13.4919, -12.5999
Hunter-Lab	32.2187, -13.5569, 12.2492

# Details

The Hex color **47623A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **553A62**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **78956A**, and **19330F** is the 20% darker color. If you saturate the color by 10%, you get **406230**, and if you desaturate by 10%, it is **4E6244**.

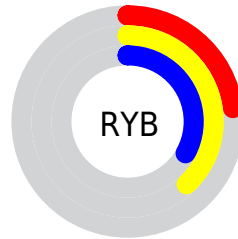
# Distribution



Red (28%)

Green (38%)

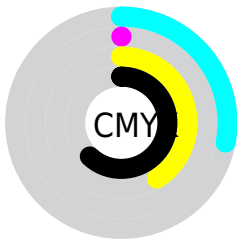
Blue (23%)



Red (23%)

Yellow (38%)

Blue (33%)

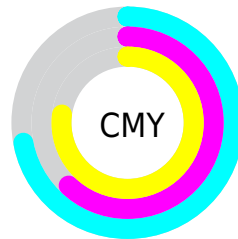


Cyan (28%)

Magenta (0%)

Yellow (41%)

Black (62%)



Cyan (72%)

Magenta (62%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47623A 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 47623A by changing the saturation by 10% instead.





47623A



47623A

FFFFFF



304A24



78956A



19330F



92B083



001F00



ADCB9D



000000



C9E7B8



E5FFD4



FFFFF0



47623A



47623A



406230



4E6244

■ 3A6226

■ 54624E

■ 33621D

■ 5B6257

■ 2D6213

■ 616261

■ 266209

■ 68626B

■ 206200

■ 6F6275

■ 75627F

■ 7C6288

■ 836292

# Harmonies

## Analogous

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



5F5C2F



47623A



2A654D

# Triad

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



47623A



1E6084



854952

# Complementary

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



47623A



553A62

# 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.



7D4B68



47623A



4A5A85

# Square

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



47623A



006578



69517B



814E3E

# Rectangle

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



47623A



0C665C



69517B



844959



# Sweetspot

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



47623A



758070



62553A



3A4037



BFBFBF



404040



# Same Dimension

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



47623A



558041



3A6241



2D302C



247000



4EF000



# Inverse Universe

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



553A62



6B4180



623A5B



2F2C30



4C0070

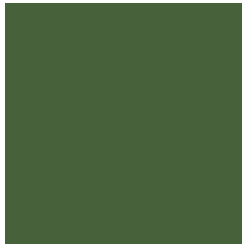


A200F0



# Previews

## White Background



This preview shows how the Hex color 47623A looks on a white background.

## Color Contrast Check

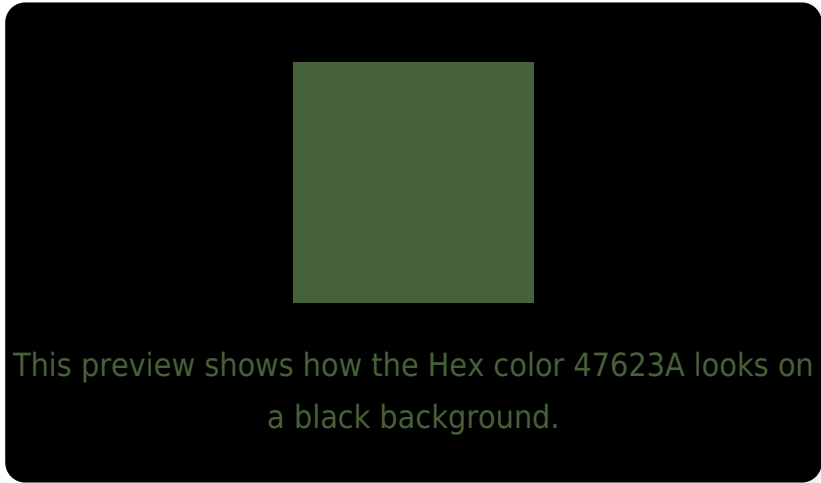
Large Text (above 18pt) WCAG AA ✓ Pass

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

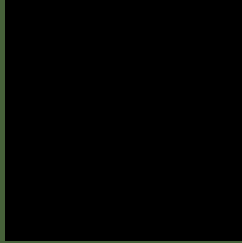
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 47623A Background



This preview shows how black text looks on a background with the Hex color 47623A.



This preview shows how white text looks on a background with the Hex color 47623A.

# 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**  
47623A

**Protanopia**  
635A37

**Deuteranopia**  
6C563D



**Tritanopia**  
4E5D64

# Trichromacy



**Original Color**  
47623A

**Protanomaly**  
595D38

**Deuteranomaly**  
5F5A3C

**Tritanomaly**  
4B5F55

# Monochromacy



**Original Color**  
47623A

**Achromatopsia**  
555555

**Achromatomaly**  
505A4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47623A 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 #47623A looks like.

```
.text, #text, p{  
    color:#47623A  
}
```

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 #47623A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47623A
}
```

## Border

The CSS property to change the border of an element to Hex 47623A 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".

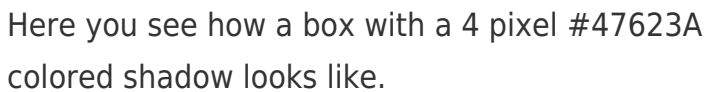
```
.border, #border, table{ border:4px solid
#47623A }
```

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

```
.border{ border-color:#47623A }
```

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

Here you see how a box with a 4 pixel #47623A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47623A; -webkit-box-shadow:4px 4px  
4px 4px #47623A; box-shadow:4px 4px 4px  
4px #47623A }
```

# Background

The CSS property to change the background color of an element to Hex 47623A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47623A }
```

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

```
.background{ background-color:#47623A }
```

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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