

Converting Colors

Hex(47513D)

Have a look what the booklet for
Hex(47513D) contains.

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Color

Hex(47513D)

Conversions

Conversions Part 1

Format	Color
Hex	47513D
RGB	71, 81, 61
RGB Percent	28%, 32%, 24%
CMY	0.7216, 0.6824, 0.7608
CMYK	0.12, 0.00, 0.25, 0.68
HSL	90°, 14%, 28%
HSV	90°, 25%, 32%
XYZ	6.3833, 7.5614, 5.5379
YIQ	75.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

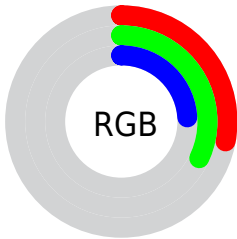
Format	Color
RYB	61, 81, 71
Decimal	4673853
CIELab	33.05, -8.19, 10.47
CIELCh	33, 13.296, 128.043
Yxy	7.5614, 0.3276, 0.3881
Android (android.graphics.Color)	4282863933 (0xFF47513D)
YUV	75.7300, -7.2619, -4.1482
Hunter-Lab	27.4980, -6.6851, 7.3079

Details

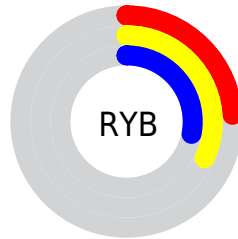
The Hex color **47513D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **473D51**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **78826C**, and **1B2413** is the 20% darker color. If you saturate the color by 10%, you get **435135**, and if you desaturate by 10%, it is **4B5145**.

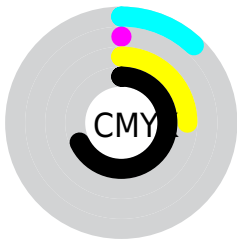
Distribution



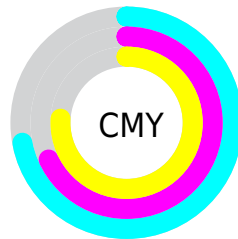
- Red (28%)
- Green (32%)
- Blue (24%)



- Red (24%)
- Yellow (32%)
- Blue (28%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)
- Black (68%)



- Cyan (72%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47513D 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 47513D by changing the saturation by 10% instead.

 47513D

 47513D

FFFFFF

 303A27

 78826C

 1B2413

 919C86

 001000

 ACB7A0

 000000

 C7D3BB

 E3EFD7

 FFFFF3

 47513D

 47513D

 435135

 4B5145

■ 3F512D

■ 4F514D

■ 3B5125

■ 535155

■ 37511D

■ 57515D

■ 335115

■ 5B5166

■ 2F510C

■ 5F516E

■ 2B5104

■ 635176

■ 295100

■ 67517E

■ 6B5186

Harmonies

Analogous

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



534E39



47513D



3B5346

Triad

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



47513D



375161



63464B

Complementary

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



47513D



473D51

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.



5E4756



47513D



454E62

Square

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



47513D



30535A



534A5E



624741

Rectangle

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



47513D



35544D



534A5E



62464F

Sweetspot

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



47513D



656961



51473D



333631



B5B5B5



363636

Same Dimension

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



47513D



596949



3D513D



272925



346900



74E800

Inverse Universe

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



473D51



594969



513D51



272529



340069



7400E8

Previews

White Background



This preview shows how the Hex color 47513D looks on a white background.

Color Contrast Check

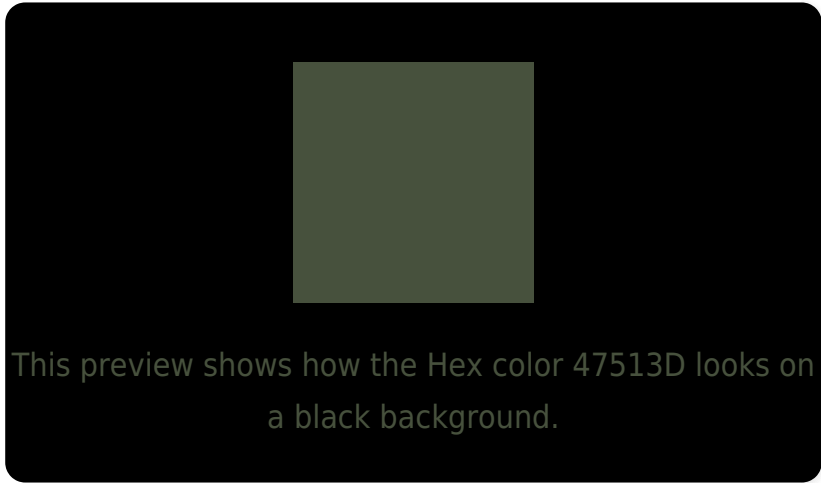
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

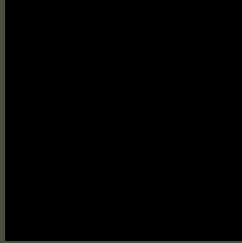
Any Text WCAG AA × Fail

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 47513D Background



This preview shows how black text looks on a background with the Hex color 47513D.

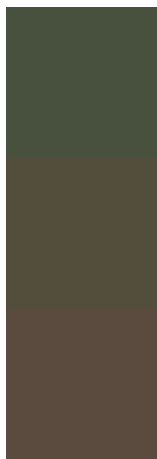


This preview shows how white text looks on a background with the Hex color 47513D.

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
47513D

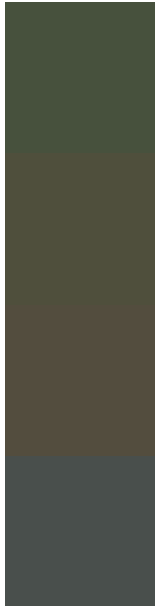
Protanopia
534E3B

Deuteranopia
5A4B3E



Tritanopia
4A4E54

Trichromacy



Original Color
47513D

Protanomaly
4F4F3C

Deuteranomaly
534D3E

Tritanomaly
494F4C

Monochromacy



Original Color
47513D

Achromatopsia
4C4C4C

Achromatomaly
4A4E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 47513D 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 #47513D looks like.

```
.text, #text, p{  
    color:#47513D  
}
```

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 #47513D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47513D  
}
```

Border

The CSS property to change the border of an element to Hex 47513D is called "border". The border property can be set on classes, ids or directly on the HTML element.

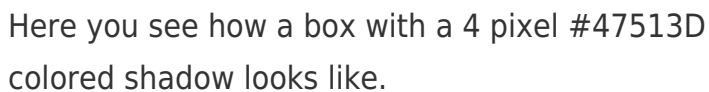
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#47513D }
```

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

```
.border{ border-color:#47513D }
```

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



Here you see how a box with a 4 pixel #47513D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47513D; -webkit-box-shadow:4px 4px  
4px 4px #47513D; box-shadow:4px 4px 4px  
4px #47513D }
```

Background

The CSS property to change the background color of an element to Hex 47513D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47513D }
```

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

```
.background{ background-color:#47513D }
```

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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