

# Converting Colors

Hex(47523E)

Have a look what the booklet for  
Hex(47523E) contains.

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# Color

Hex(47523E)

# Conversions

## Conversions Part 1

Format	Color
Hex	47523E
RGB	71, 82, 62
RGB Percent	28%, 32%, 24%
CMY	0.7216, 0.6784, 0.7569
CMYK	0.13, 0.00, 0.24, 0.68
HSL	93°, 14%, 28%
HSV	93°, 24%, 32%
XYZ	6.4853, 7.7220, 5.7061
YIQ	76.4310, -0.1360, -8.5520

# Conversions

## Conversions Part 2

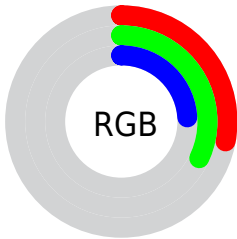
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 82, 73
Decimal	4674110
CIELab	33.40, -8.60, 10.32
CIElCh	33, 13.438, 129.806
Yxy	7.7220, 0.3257, 0.3878
Android (android.graphics.Color)	4282864190 (0xFF47523E)
YUV	76.4310, -7.1145, -4.7630
Hunter-Lab	27.7885, -6.9711, 7.2773

# Details

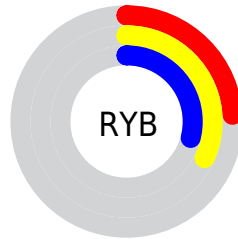
The Hex color **47523E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **493E52**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **78836E**, and **1B2514** is the 20% darker color. If you saturate the color by 10%, you get **425236**, and if you desaturate by 10%, it is **4C5246**.

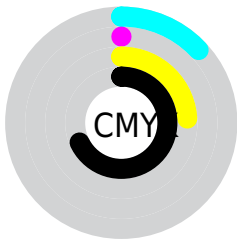
# Distribution



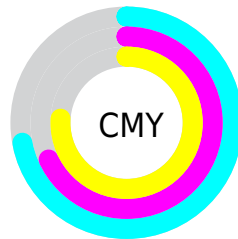
- Red (28%)
- Green (32%)
- Blue (24%)



- Red (24%)
- Yellow (32%)
- Blue (29%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (68%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 47523E 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 47523E by changing the saturation by 10% instead.





47523E



47523E

FFFFFF



303B28



78836E



1B2514



919D87



001100



ACB8A1



000000



C7D4BC



E3F0D8



FFFFFF4



47523E



47523E



425236



4C5246

■ 3E522E

■ 50524E

■ 395225

■ 555257

■ 35521D

■ 59525F

■ 305215

■ 5E5267

■ 2C520D

■ 62526F

■ 275205

■ 675277

■ 255200

■ 6B5280

■ 705288

# Harmonies

## Analogous

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



534F3A



47523E



3B5447

# Triad

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



47523E



395262



64474B

# Complementary

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



47523E



493E52

# 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.



5F4856



47523E



474E63

# Square

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



47523E



31545C



554B5F



634841

# Rectangle

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



47523E



35554E



554B5F



63474F



# Sweetspot

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



47523E



676B64



52493E



333631



B5B5B5



363636



# Same Dimension

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



47523E



5A6B4C



3E523F



272925



2F6900



68E800



# Inverse Universe

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



493E52



5D4C6B



523E51



272529



3A0069



8000E8



# Previews

## White Background



This preview shows how the Hex color 47523E looks on a white background.

## Color Contrast Check

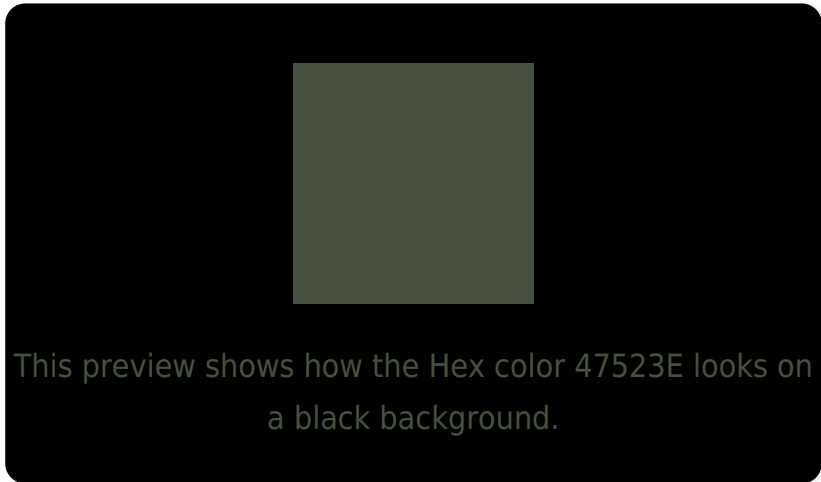
Large Text (above 18pt) WCAG AA ✓ Pass

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

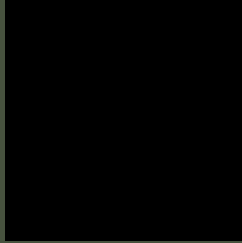
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

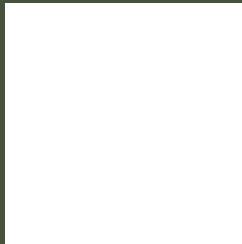
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47523E Background



This preview shows how black text looks on a background with the Hex color 47523E.



This preview shows how white text looks on a background with the Hex color 47523E.

# 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**  
47523E

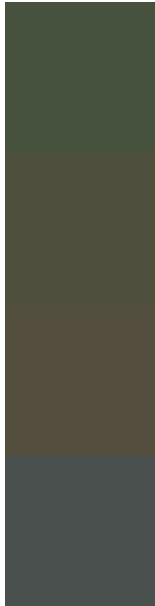
**Protanopia**  
544E3C

**Deuteranopia**  
5B4B3F



**Tritanopia**  
4B4F55

# Trichromacy



**Original Color**  
47523E

**Protanomaly**  
4F4F3D

**Deuteranomaly**  
544E3F

**Tritanomaly**  
4A504D

# Monochromacy



**Original Color**  
47523E

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4A4E47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47523E 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 #47523E looks like.

```
.text, #text, p{  
    color:#47523E  
}
```

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 #47523E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47523E
}
```

## Border

The CSS property to change the border of an element to Hex 47523E is called "border". The border property can be set on classes, ids or directly on the HTML element.

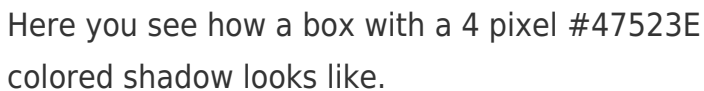
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47523E }
```

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

```
.border{ border-color:#47523E }
```

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



Here you see how a box with a 4 pixel #47523E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47523E; -webkit-box-shadow:4px 4px  
4px 4px #47523E; box-shadow:4px 4px 4px  
4px #47523E }
```

# Background

The CSS property to change the background color of an element to Hex 47523E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47523E }
```

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

```
.background{ background-color:#47523E }
```

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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