

Converting Colors

Hex(46533C)

Have a look what the booklet for
Hex(46533C) contains.

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Color

Hex(46533C)

Conversions

Conversions Part 1

Format	Color
Hex	46533C
RGB	70, 83, 60
RGB Percent	27%, 33%, 24%
CMY	0.7255, 0.6745, 0.7647
CMYK	0.16, 0.00, 0.28, 0.67
HSL	94°, 16%, 28%
HSV	94°, 28%, 33%
XYZ	6.4347, 7.8148, 5.4442
YIQ	76.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

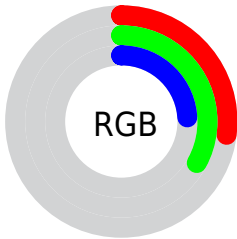
Format	Color
RYB	60, 83, 73
Decimal	4608828
CIELab	33.59, -9.99, 11.83
CIElCh	34, 15.479, 130.179
Yxy	7.8148, 0.3267, 0.3968
Android (android.graphics.Color)	4282798908 (0xFF46533C)
YUV	76.4910, -8.1301, -5.6926
Hunter-Lab	27.9551, -7.8345, 8.0218

Details

The Hex color **46533C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **493C53**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **77846B**, and **1A2612** is the 20% darker color. If you saturate the color by 10%, you get **415334**, and if you desaturate by 10%, it is **4B5344**.

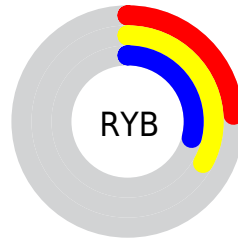
Distribution



Red (27%)

Green (33%)

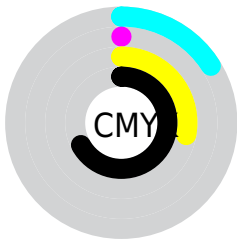
Blue (24%)



Red (24%)

Yellow (33%)

Blue (29%)

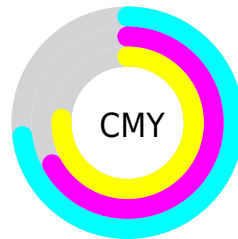


Cyan (16%)

Magenta (0%)

Yellow (28%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46533C 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 46533C by changing the saturation by 10% instead.

■ 46533C

■ 46533C

FFFFFF

■ 2F3C26

■ 77846B

■ 1A2612

■ 909F85

■ 001200

■ ABBA9F

■ 000000

■ C6D5BA

■ E2F2D6

■ FFFFF2

■ 46533C

■ 46533C

■ 415334

■ 4B5344

■ 3D532B

■ 4F534D

■ 385323

■ 545355

■ 33531B

■ 59535D

■ 2F5312

■ 5D5366

■ 2A530A

■ 62536E

■ 255302

■ 675376

■ 245300

■ 6C537E

■ 705387

Harmonies

Analogous

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



545037



46533C



385546

Triad

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



46533C



355366



68464B

Complementary

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



46533C



493C53

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.



624758



46533C



464F67

Square

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



46533C



2B555E



564A62



664840

Rectangle

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



46533C



30564F



564A62



67464F

Sweetspot

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



46533C



666B63



53493C



333630



B5B5B5



363636

Same Dimension

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



46533C



576B48



3C533D



262925



2D6900



65E800

Inverse Universe

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



493C53



5C486B



533C52



272529



3B0069



8300E8

Previews

White Background



This preview shows how the Hex color 46533C looks on a white background.

Color Contrast Check

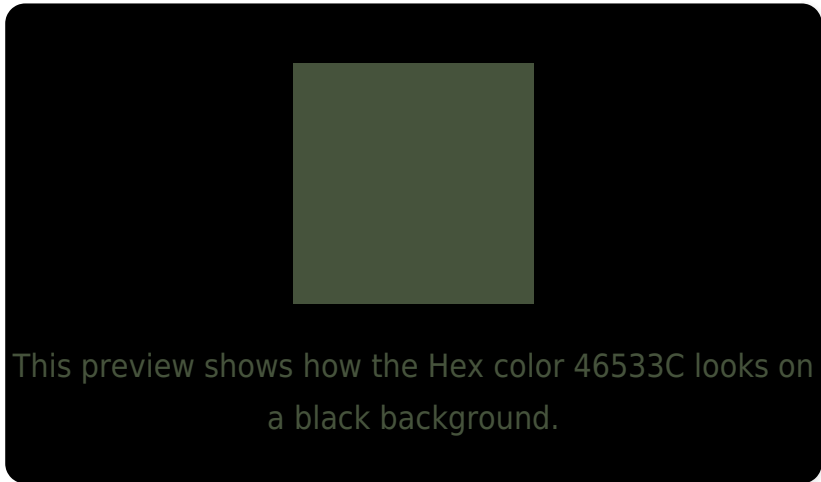
Large Text (above 18pt) WCAG AA ✓ Pass

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

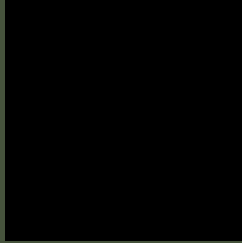
Any Text WCAG AA × Fail

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 46533C Background



This preview shows how black text looks on a background with the Hex color 46533C.

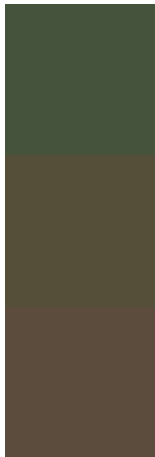


This preview shows how white text looks on a background with the Hex color 46533C.

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
46533C

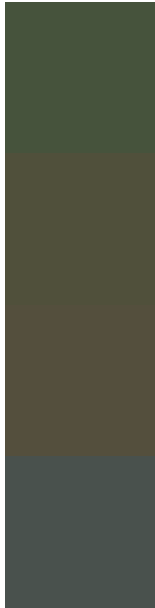
Protanopia
554F3A

Deuteranopia
5C4C3E



Tritanopia
4A5056

Trichromacy



Original Color
46533C

Protanomaly
50503B

Deuteranomaly
544F3D

Tritanomaly
49514D

Monochromacy



Original Color
46533C

Achromatopsia
4C4C4C

Achromatomaly
4A4F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 46533C 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 #46533C looks like.

```
.text, #text, p{  
    color:#46533C  
}
```

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 #46533C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46533C
}
```

Border

The CSS property to change the border of an element to Hex 46533C is called "border". The border property can be set on classes, ids or directly on the HTML element.

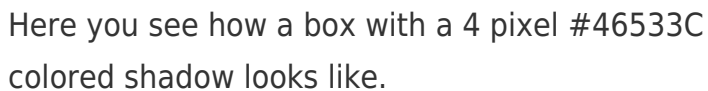
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46533C }
```

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

```
.border{ border-color:#46533C }
```

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



Here you see how a box with a 4 pixel #46533C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46533C; -webkit-box-shadow:4px 4px  
4px 4px #46533C; box-shadow:4px 4px 4px  
4px #46533C }
```

Background

The CSS property to change the background color of an element to Hex 46533C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46533C }
```

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

```
.background{ background-color:#46533C }
```

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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