

Converting Colors

Hex(46533E)

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

Hex(46533E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46533E)

Conversions

Conversions Part 1

Format	Color
Hex	46533E
RGB	70, 83, 62
RGB Percent	27%, 33%, 24%
CMY	0.7255, 0.6745, 0.7569
CMYK	0.16, 0.00, 0.25, 0.67
HSL	97°, 14%, 28%
HSV	97°, 25%, 33%
XYZ	6.4885, 7.8364, 5.7280
YIQ	76.7190, -1.0070, -9.2870

Conversions

Conversions Part 2

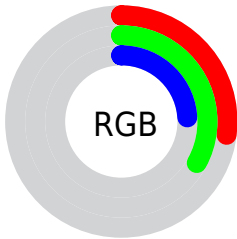
Format	Color
RYB	62, 83, 75
Decimal	4608830
CIELab	33.64, -9.62, 10.65
CIELCh	34, 14.346, 132.088
Yxy	7.8364, 0.3236, 0.3908
Android (android.graphics.Color)	4282798910 (0xFF46533E)
YUV	76.7190, -7.2565, -5.8926
Hunter-Lab	27.9936, -7.6148, 7.4636

Details

The Hex color **46533E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4B3E53**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **77846E**, and **1A2614** is the 20% darker color. If you saturate the color by 10%, you get **415336**, and if you desaturate by 10%, it is **4B5346**.

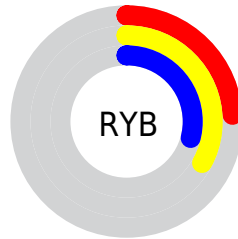
Distribution



Red (27%)

Green (33%)

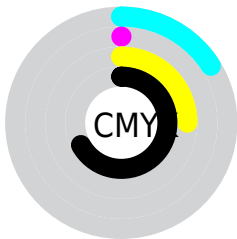
Blue (24%)



Red (24%)

Yellow (33%)

Blue (29%)

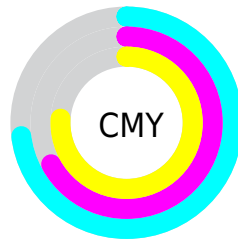


Cyan (16%)

Magenta (0%)

Yellow (25%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (76%)

Brightness & Saturation Gradients

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

■ 46533E

■ 46533E

FFFFFF

■ 2F3C28

■ 77846E

■ 1A2614

■ 909F87

■ 001200

■ ABBAA1

■ 000000

■ C6D5BC

■ E2F2D8

■ FFFFF4

■ 46533E

■ 46533E

■ 415336

■ 4B5346

■ 3C532D

■ 50534F

■ 375325

■ 555357

■ 31531D

■ 5B535F

■ 2C5315

■ 605367

■ 27530C

■ 655370

■ 225304

■ 6A5378

■ 205300

■ 6F5380

■ 745389

Harmonies

Analogous

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



535039



46533E



395548

Triad

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



46533E



385264



66474B

Complementary

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



46533E



4B3E53

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.



614856



46533E



484F65

Square

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



46533E



2F555E



574B60



654940

Rectangle

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



46533E



325650



574B60



65474F

Sweetspot

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



46533E



666B63



534B3E



323630



B5B5B5



363636

Same Dimension

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



46533E



576B4B



3E5340



262925



286900



58E800

Inverse Universe

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



4B3E53



5F4B6B



533E51



272529



410069



9000E8

Previews

White Background



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

Color Contrast Check

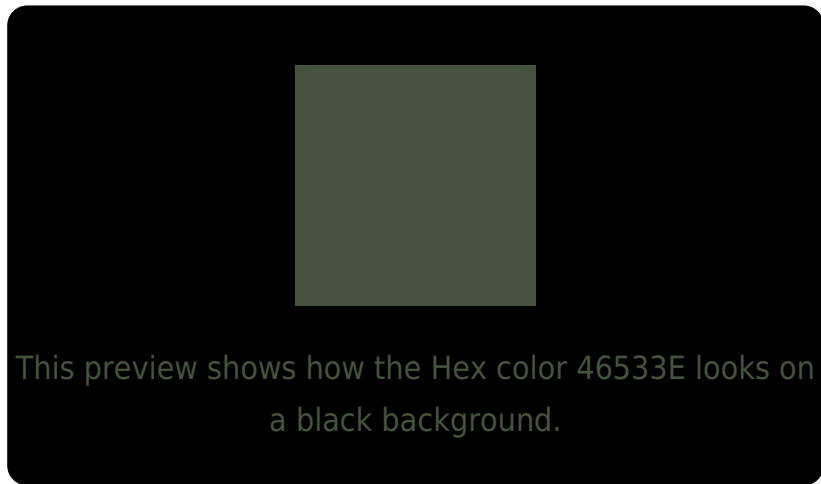
Large Text (above 18pt) WCAG AA ✓ Pass

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

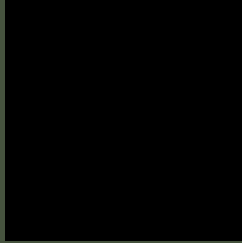
Any Text WCAG AA × Fail

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 46533E Background



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



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

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
46533E

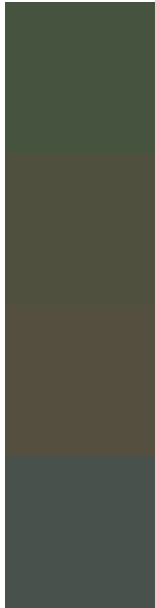
Protanopia
544F3C

Deuteranopia
5C4C40



Tritanopia
4A5056

Trichromacy



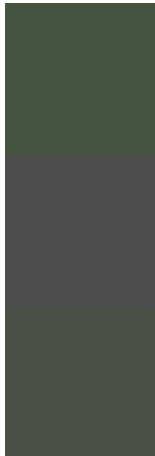
Original Color
46533E

Protanomaly
4F503D

Deuteranomaly
544F3F

Tritanomaly
49514D

Monochromacy



Original Color
46533E

Achromatopsia
4D4D4D

Achromatomaly
4A4F48

CSS Examples

Text

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

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

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 #46533E colored shadow looks like.

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

Border

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

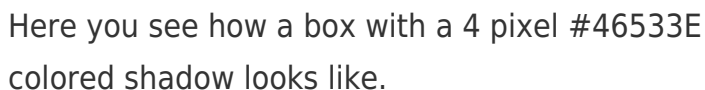
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor