

Converting Colors

Hex(41603E)

Have a look what the booklet for
Hex(41603E) contains.

| | |
|--|----|
| Hex(41603E) | 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(41603E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 41603E |
| RGB | 65, 96, 62 |
| RGB Percent | 25%, 38%, 24% |
| CMY | 0.7451, 0.6235, 0.7569 |
| CMYK | 0.32, 0.00, 0.35, 0.62 |
| HSL | 115°, 22%, 31% |
| HSV | 115°, 35%, 38% |
| XYZ | 7.2323, 9.8374, 6.0750 |
| YIQ | 82.8550, -7.5620, -17.1460 |

Conversions

Conversions Part 2

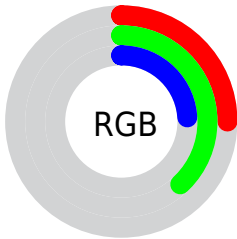
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 62, 96, 93 |
| Decimal | 4284478 |
| CIELab | 37.55, -18.94, 15.90 |
| CIELCh | 38, 24.729, 139.979 |
| Yxy | 9.8374, 0.3125, 0.4250 |
| Android (android.graphics.Color) | 4282474558 (0xFF41603E) |
| YUV | 82.8550, -10.2815, -15.6588 |
| Hunter-Lab | 31.3646, -13.7277, 10.4712 |

Details

The Hex color **41603E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D3E60**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **72936E**, and **133113** is the 20% darker color. If you saturate the color by 10%, you get **386034**, and if you desaturate by 10%, it is **4A6048**.

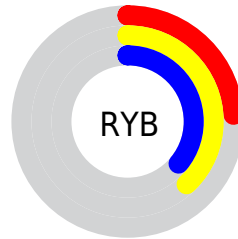
Distribution



Red (25%)

Green (38%)

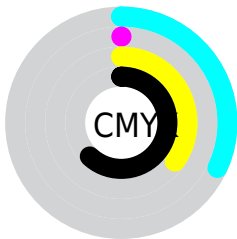
Blue (24%)



Red (24%)

Yellow (38%)

Blue (36%)

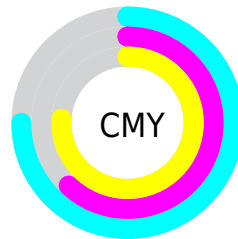


Cyan (32%)

Magenta (0%)

Yellow (35%)

Black (62%)



Cyan (75%)

Magenta (62%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41603E 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 41603E by changing the saturation by 10% instead.

■ 41603E

■ 41603E

FFFFFF

■ 2A4828

■ 72936E

■ 133113

■ 8CAD87

■ 001D00

■ A6C9A2

■ 000000

■ C2E5BD

■ DEFFD8

■ FBFFF5

■ 41603E

■ 41603E

■ 386034

■ 4A6048

 2F602B

 536051

 276021

 5B605B

 1E6018

 646064

 15600E

 6D606E

 0C6004

 766078

 086000

 7E6081

 87608B

 906094

Harmonies

Analogous

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



585B32



41603E



266351

Triad

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



41603E



2E5C7F



7F494C

Complementary

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



41603E



5D3E60

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.



7B4960



41603E



51567E

Square

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



41603E



006176



6B4E72



794E3B

Rectangle

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



41603E



0E635F



6B4E72



7F4952

Sweetspot

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



41603E



707D6F



605D3E



384037



BFBFBF



404040

Same Dimension

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



41603E



4C7D47



3E604C



2C302C



0A7000



15F000

Inverse Universe

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



5D3E60



78477D



603E52



302C30



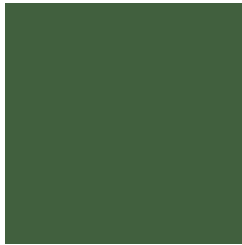
660070



DB00F0

Previews

White Background



This preview shows how the Hex color 41603E looks on a white background.

Color Contrast Check

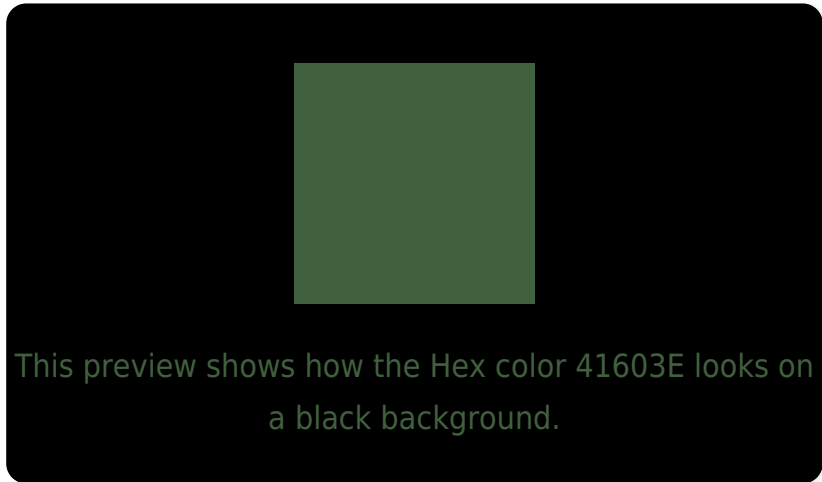
Large Text (above 18pt) WCAG AA ✓ Pass

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

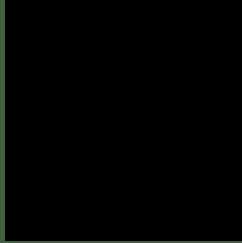
Any Text WCAG AA × Fail

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 41603E Background



This preview shows how black text looks on a background with the Hex color 41603E.



This preview shows how white text looks on a background with the Hex color 41603E.

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](#).

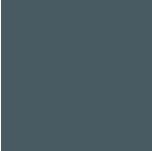
Dichromacy



Original Color
41603E

Protanopia
60583B

Deuteranopia
685441



Tritanopia
485B63

Trichromacy



Original Color
41603E

Protanomaly
555B3C

Deuteranomaly
5A5840

Tritanomaly
455D56

Monochromacy



Original Color
41603E

Achromatopsia
535353

Achromatomaly
4C584B

CSS Examples

Text

The CSS property to change the color of the text to Hex 41603E 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 #41603E looks like.

```
.text, #text, p{  
    color:#41603E  
}
```

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 #41603E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41603E
}
```

Border

The CSS property to change the border of an element to Hex 41603E is called "border". The border property can be set on classes, ids or directly on the HTML element.

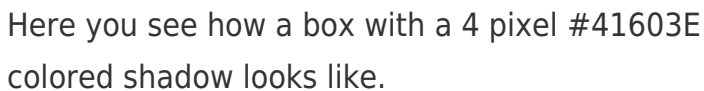
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41603E }
```

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

```
.border{ border-color:#41603E }
```

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



Here you see how a box with a 4 pixel #41603E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41603E; -webkit-box-shadow:4px 4px  
4px 4px #41603E; box-shadow:4px 4px 4px  
4px #41603E }
```

Background

The CSS property to change the background color of an element to Hex 41603E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41603E }
```

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

```
.background{ background-color:#41603E }
```

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