

Converting Colors

Hex(70733E)

Have a look what the booklet for
Hex(70733E) contains.

Hex(70733E)	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(70733E)

Conversions

Conversions Part 1

Format	Color
Hex	70733E
RGB	112, 115, 62
RGB Percent	44%, 45%, 24%
CMY	0.5608, 0.5490, 0.7569
CMYK	0.03, 0.00, 0.46, 0.55
HSL	63°, 30%, 35%
HSV	63°, 46%, 45%
XYZ	13.6823, 16.0540, 6.9350
YIQ	108.0610, 15.2250, -17.1190

Conversions

Conversions Part 2

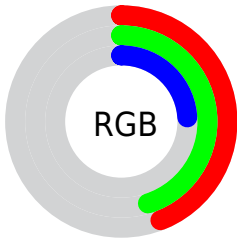
Format	Color
RYB	62, 115, 65
Decimal	7369534
CIELab	47.05, -9.70, 28.83
CIElCh	47, 30.416, 108.599
Yxy	16.0540, 0.3731, 0.4378
Android (android.graphics.Color)	4285559614 (0xFF70733E)
YUV	108.0610, -22.7081, 3.4545
Hunter-Lab	40.0675, -9.1635, 17.7851

Details

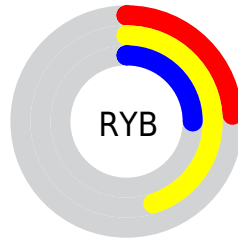
The Hex color **70733E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **413E73**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A5A76F**, and **3F4310** is the 20% darker color. If you saturate the color by 10%, you get **6F7333**, and if you desaturate by 10%, it is **71734A**.

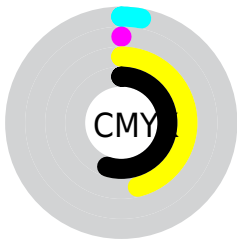
Distribution



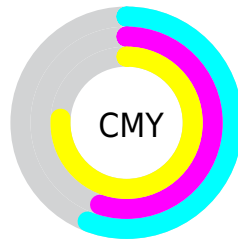
- Red (44%)
- Green (45%)
- Blue (24%)



- Red (24%)
- Yellow (45%)
- Blue (25%)



- Cyan (3%)
- Magenta (0%)
- Yellow (46%)
- Black (55%)



- Cyan (56%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70733E 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 70733E by changing the saturation by 10% instead.



70733E



70733E

FFFFFF



575B27



A5A76F



3F4310



C0C288



292D00



DDDEA3



0E1900



F9FABE



000000



FFFFDA



FFFFF7



70733E



70733E



6F7333



71734A

■ 6F7327

■ 717355

■ 6E731C

■ 727361

■ 6D7310

■ 73736C

■ 6D7305

■ 737378

■ 6C7300

■ 747383

■ 75738F

■ 75739A

■ 7673A5

Harmonies

Analogous

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



886B3D



70733E



53794D

Triad

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



70733E



007B95



9B5C7A

Complementary

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



70733E



413E73

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.



866392



70733E



3575A1

Square

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



70733E



007D7F



636DA0



A15C61

Rectangle

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



70733E



3C7C5C



636DA0



955E83

Sweetspot

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



70733E



959681



73413E



4C4D3F



CCCCCC



4D4D4D

Same Dimension

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



70733E



929644



56733E



3A3B35



737A00



ECFA00

Inverse Universe

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



413E73



484496



5B3E73



35353B



07007A



0E00FA

Previews

White Background



This preview shows how the Hex color 70733E looks on a white background.

Color Contrast Check

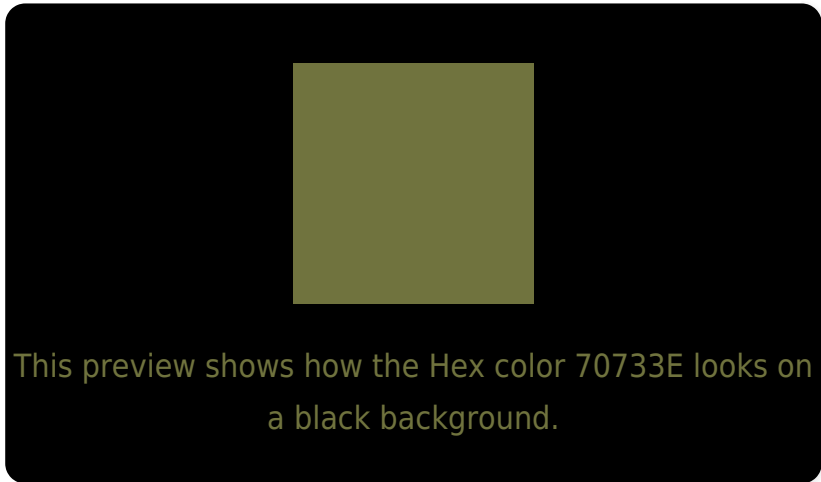
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

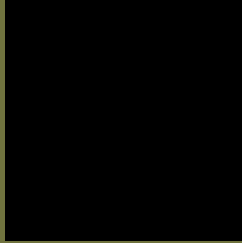
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

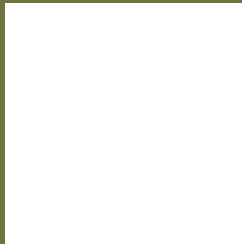
Any Text WCAG AAA × Fail

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

Hex 70733E Background



This preview shows how black text looks on a background with the Hex color 70733E.



This preview shows how white text looks on a background with the Hex color 70733E.

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](#).

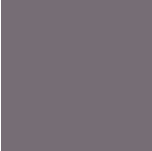
Dichromacy



Original Color
70733E

Protanopia
7B703D

Deuteranopia
886A40



Tritanopia
766D75

Trichromacy



Original Color
70733E

Protanomaly
77713D

Deuteranomaly
7F6D3F

Tritanomaly
746F61

Monochromacy



Original Color
70733E

Achromatopsia
6C6C6C

Achromatomaly
6D6F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 70733E 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 #70733E looks like.

```
.text, #text, p{  
    color:#70733E  
}
```

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 #70733E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70733E
}
```

Border

The CSS property to change the border of an element to Hex 70733E 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
#70733E }
```

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

```
.border{ border-color:#70733E }
```

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

Here you see how a box with a 4 pixel #70733E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70733E; -webkit-box-shadow:4px 4px  
4px 4px #70733E; box-shadow:4px 4px 4px  
4px #70733E }
```

Background

The CSS property to change the background color of an element to Hex 70733E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70733E }
```

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

```
.background{ background-color:#70733E }
```

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