

Converting Colors

Hex(743E67)

Have a look what the booklet for
Hex(743E67) contains.

Hex(743E67)	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(743E67)

Conversions

Conversions Part 1

Format	Color
Hex	743E67
RGB	116, 62, 103
RGB Percent	45%, 24%, 40%
CMY	0.5451, 0.7569, 0.5961
CMYK	0.00, 0.47, 0.11, 0.55
HSL	314°, 30%, 35%
HSV	314°, 47%, 45%
XYZ	11.3733, 8.1375, 13.8032
YIQ	82.8200, 19.0230, 24.1990

Conversions

Conversions Part 2

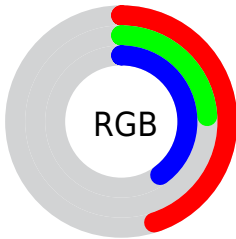
Format	Color
R_{YB}	116, 62, 103
Decimal	7618151
CIE _{Lab}	34.27, 29.72, -13.80
CIE _{LCh}	34, 32.765, 335.088
Yxy	8.1375, 0.3414, 0.2443
Android (android.graphics.Color)	4285808231 (0xFF743E67)
YUV	82.8200, 9.9487, 29.0989
Hunter-Lab	28.5263, 21.2457, -8.7206

Details

The Hex color **743E67** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E744B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A96F9A**, and **420F38** is the 20% darker color. If you saturate the color by 10%, you get **743264**, and if you desaturate by 10%, it is **744A6A**.

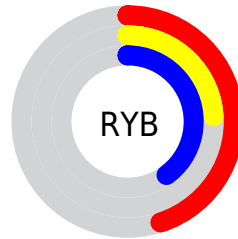
Distribution



Red (45%)

Green (24%)

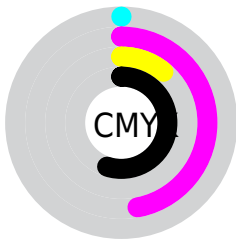
Blue (40%)



Red (45%)

Yellow (24%)

Blue (40%)

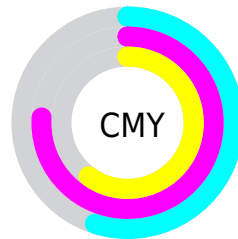


Cyan (0%)

Magenta (47%)

Yellow (11%)

Black (55%)



Cyan (55%)

Magenta (76%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 743E67 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 743E67 by changing the saturation by 10% instead.

 743E67

 743E67

FFFFFF

 5B274F

 A96F9A

 420F38

 C589B5

 2B0022

 E1A4D1

 09000A

 FEBFED

 000000

 FFDBFF

 FFF8FF

 743E67

 743E67

 743264

 744A6A

 742761

 74556D

 741B5F

 74616F

 74105C

 746C72

 740459

 747875

 740058

 748478

 748F7B

 749B7D

 74A680

Harmonies

Analogous

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



58487B



743E67



803A4D

Triad

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



743E67



5B511A



005D6E

Complementary

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



743E67



3E744B

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.



005E54



743E67



405824

Square

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



743E67



714721



195C3A



00597F

Rectangle

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



743E67



803C3C



195C3A



005D66

Sweetspot

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



743E67



968191



4B3E74



4D3F49



CCCCCC



4D4D4D

Same Dimension

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



743E67



964282



743E4C



3B3539



7A005D



FA00BE

Inverse Universe

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



743E67



964282



3E7466



3B3539



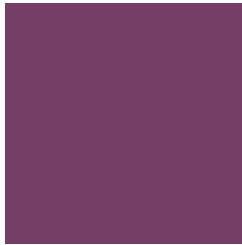
7A005D



FA00BE

Previews

White Background



This preview shows how the Hex color 743E67 looks on a white background.

Color Contrast Check

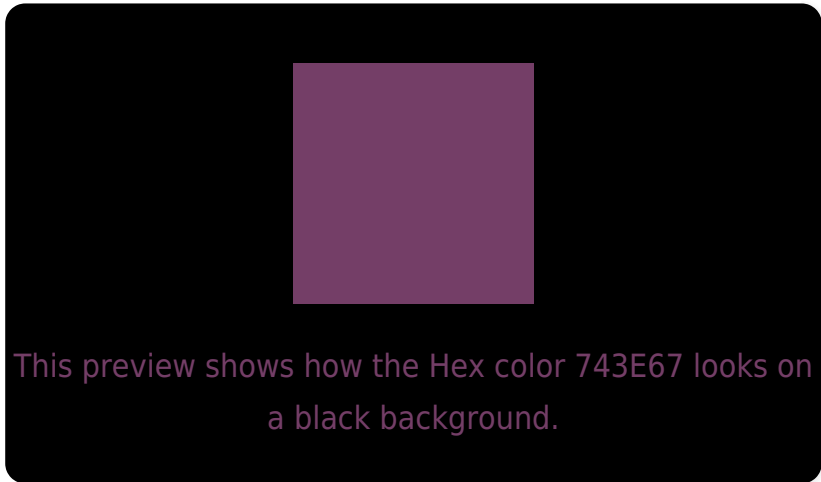
Large Text (above 18pt) WCAG AA ✓ Pass

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

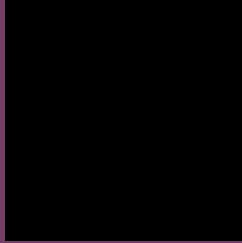
Any Text WCAG AA × Fail

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 743E67 Background



This preview shows how black text looks on a background with the Hex color 743E67.



This preview shows how white text looks on a background with the Hex color 743E67.

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





Tritanopia
714449

Trichromacy



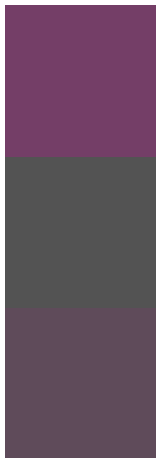
Original Color
743E67

Protanomaly
56496F

Deuteranomaly
5C4965

Tritanomaly
724254

Monochromacy



Original Color
743E67

Achromatopsia
535353

Achromatomaly
5F4B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 743E67 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 #743E67 looks like.

```
.text, #text, p{  
    color:#743E67  
}
```

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 #743E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743E67
}
```

Border

The CSS property to change the border of an element to Hex 743E67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

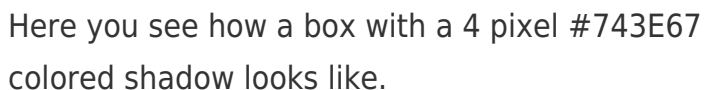
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#743E67 }
```

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

```
.border{ border-color:#743E67 }
```

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



Here you see how a box with a 4 pixel #743E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743E67; -webkit-box-shadow:4px 4px  
4px 4px #743E67; box-shadow:4px 4px 4px  
4px #743E67 }
```

Background

The CSS property to change the background color of an element to Hex 743E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743E67 }
```

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

```
.background{ background-color:#743E67 }
```

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