

Converting Colors

Hex(743B2E)

Have a look what the booklet for
Hex(743B2E) contains.

Hex(743B2E)	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(743B2E)

Conversions

Conversions Part 1

Format	Color
Hex	743B2E
RGB	116, 59, 46
RGB Percent	45%, 23%, 18%
CMY	0.5451, 0.7686, 0.8196
CMYK	0.00, 0.49, 0.60, 0.55
HSL	11°, 43%, 32%
HSV	11°, 60%, 45%
XYZ	9.2596, 7.0382, 3.4552
YIQ	74.5610, 38.1450, 8.0410

Conversions

Conversions Part 2

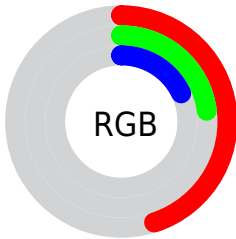
Format	Color
RYB	116, 62, 46
Decimal	7617326
CIELab	31.89, 23.63, 19.26
CIELCh	32, 30.481, 39.178
Yxy	7.0382, 0.4688, 0.3563
Android (android.graphics.Color)	4285807406 (0xFF743B2E)
YUV	74.5610, -14.0806, 36.3420
Hunter-Lab	26.5296, 15.8747, 10.8487

Details

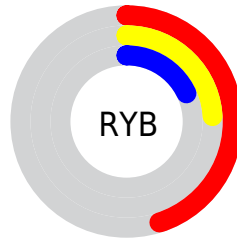
The Hex color **743B2E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E6774**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **AB6B5C**, and **400D00** is the 20% darker color. If you saturate the color by 10%, you get **743222**, and if you desaturate by 10%, it is **74443A**.

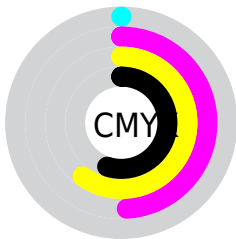
Distribution



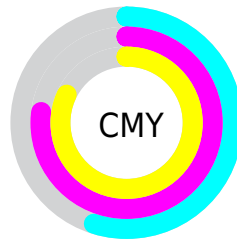
- Red (45%)
- Green (23%)
- Blue (18%)



- Red (45%)
- Yellow (24%)
- Blue (18%)



- Cyan (0%)
- Magenta (49%)
- Yellow (60%)
- Black (55%)




- Cyan (55%)
- Magenta (77%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 743B2E 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 743B2E by changing the saturation by 10% instead.

 743B2E

 743B2E

FFFFFF

 592419

 AB6B5C

 400D00

 C88575

 290000

 E59F8E

 000000

 FFBA9

 FFD6C4

 FFF3E0

 FFFFFD

 743B2E

 743B2E

■ 743222

■ 74443A

■ 742817

■ 744E45

■ 741F0B

■ 745751

■ 741600

■ 74615C

■ 746A68

■ 747474

■ 747D7F

■ 74878B

■ 749096

Harmonies

Analogous

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



773645



743B2E



66441E

Triad

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



743B2E



115639



2E4B7A

Complementary

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



743B2E



2E6774

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.



005277



743B2E



005752

Square

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



743B2E



385224



005669



564270

Rectangle

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



743B2E



594A19



005669



184E7B

Sweetspot

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



743B2E



96807B



742E67



4D3F3C



CCCCCC



4D4D4D

Same Dimension

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



743B2E



963E2A



745E2E



3B3635



7A1700



FA2E00

Inverse Universe

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



2E6774



2A8296



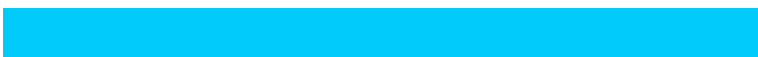
2E4474



353A3B



00647A



00CBFA

Previews

White Background



This preview shows how the Hex color 743B2E looks on a white background.

Color Contrast Check

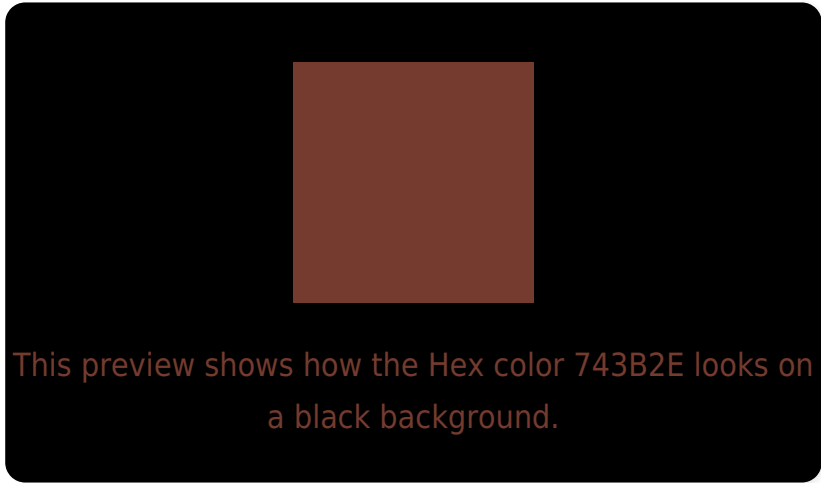
Large Text (above 18pt) WCAG AA ✓ Pass

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 743B2E Background



This preview shows how black text looks on a background with the Hex color 743B2E.

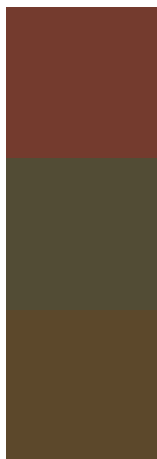


This preview shows how white text looks on a background with the Hex color 743B2E.

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
743B2E

Protanopia
524C35

Deuteranopia
5C482B



Tritanopia
75393D

Trichromacy



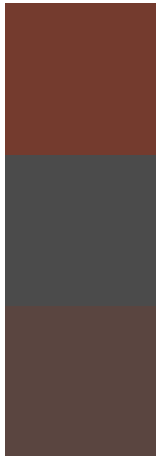
Original Color
743B2E

Protanomaly
5E4632

Deuteranomaly
65432C

Tritanomaly
753A38

Monochromacy



Original Color
743B2E

Achromatopsia
4B4B4B

Achromatomaly
5A4540

CSS Examples

Text

The CSS property to change the color of the text to Hex 743B2E 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 #743B2E looks like.

```
.text, #text, p{  
    color:#743B2E  
}
```

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 #743B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743B2E
}
```

Border

The CSS property to change the border of an element to Hex 743B2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

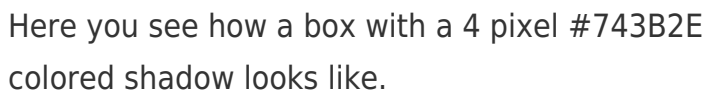
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#743B2E }
```

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

```
.border{ border-color:#743B2E }
```

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



Here you see how a box with a 4 pixel #743B2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743B2E; -webkit-box-shadow:4px 4px  
4px 4px #743B2E; box-shadow:4px 4px 4px  
4px #743B2E }
```

Background

The CSS property to change the background color of an element to Hex 743B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743B2E }
```

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

```
.background{ background-color:#743B2E }
```

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