

Converting Colors

Hex(734841)

Have a look what the booklet for
Hex(734841) contains.

Hex(734841)	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(734841)

Conversions

Conversions Part 1

Format	Color
Hex	734841
RGB	115, 72, 65
RGB Percent	45%, 28%, 25%
CMY	0.5490, 0.7176, 0.7451
CMYK	0.00, 0.37, 0.43, 0.55
HSL	8°, 28%, 35%
HSV	8°, 43%, 45%
XYZ	10.3417, 8.6612, 6.1277
YIQ	84.0590, 27.8750, 6.9390

Conversions

Conversions Part 2

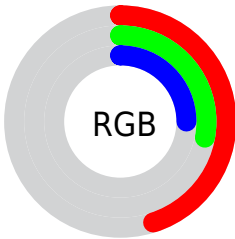
Format	Color
RYB	115, 73, 65
Decimal	7555137
CIELab	35.32, 17.48, 11.85
CIELCh	35, 21.114, 34.126
Yxy	8.6612, 0.4115, 0.3446
Android (android.graphics.Color)	4285745217 (0xFF734841)
YUV	84.0590, -9.3961, 27.1353
Hunter-Lab	29.4300, 11.2228, 8.2559

Details

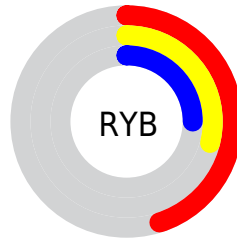
The Hex color **734841** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **416C73**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A97971**, and **401B16** is the 20% darker color. If you saturate the color by 10%, you get **733E36**, and if you desaturate by 10%, it is **73524D**.

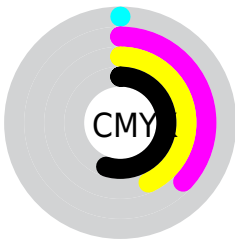
Distribution



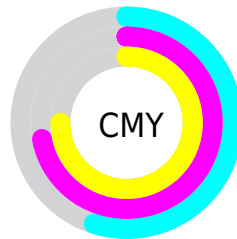
- Red (45%)
- Green (28%)
- Blue (25%)



- Red (45%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (43%)
- Black (55%)



- Cyan (55%)
- Magenta (72%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 734841 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 734841 by changing the saturation by 10% instead.

 734841

 734841

FFFFFF

 59312B

 A97971

 401B16

 C4938A

 2A0500

 E1AEA5

 000000

 FEC9C0

 FFE5DC

 FFFFF8

 734841

 734841

 733E36

 73524D

■ 73342A

■ 735C58

■ 732A1F

■ 736664

■ 732013

■ 73706F

■ 731707

■ 73797B

■ 731000

■ 738386

■ 738D92

■ 73979D

■ 73A1A9

Harmonies

Analogous

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



734651



734841



6B4D35

Triad

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



734841



365B44



3F5474

Complementary

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



734841



416C73

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.



245971



734841



215C55

Square

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



734841



4A5837



135C65



584E6F

Rectangle

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



734841



615131



135C65



365674

Sweetspot

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



734841



968683



73416C



4D4240



CCCCCC



4D4D4D

Same Dimension

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



734841



965348



736141



3B3635



7A1100



FA2300

Inverse Universe

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



416C73



488B96



415373



353A3B



00697A



00D7FA

Previews

White Background



This preview shows how the Hex color 734841 looks on a white background.

Color Contrast Check

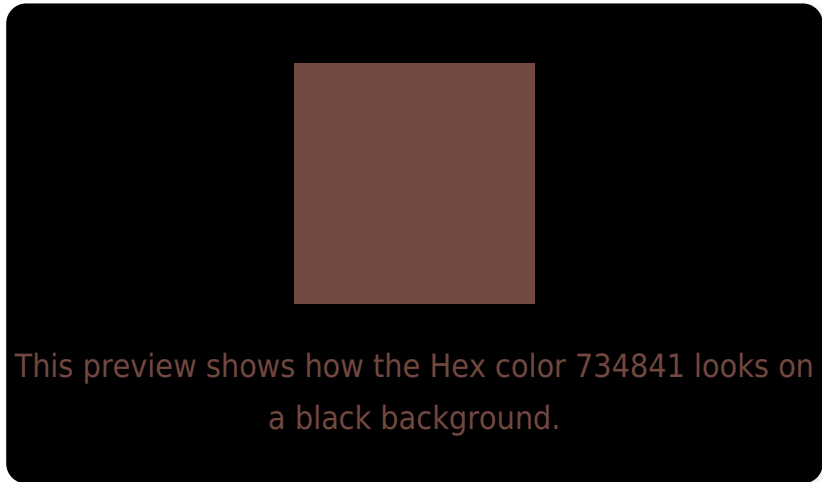
Large Text (above 18pt) WCAG AA ✓ Pass

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

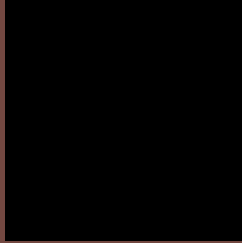
Any Text WCAG AA × Fail

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 734841 Background



This preview shows how black text looks on a background with the Hex color 734841.

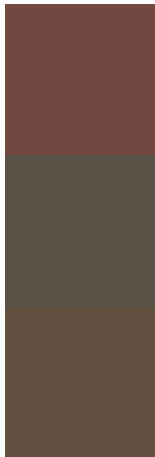


This preview shows how white text looks on a background with the Hex color 734841.

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
734841

Protanopia
585346

Deuteranopia
625040



Tritanopia
74464C

Trichromacy



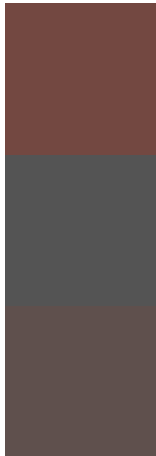
Original Color
734841

Protanomaly
624F44

Deuteranomaly
684D40

Tritanomaly
744748

Monochromacy



Original Color
734841

Achromatopsia
545454

Achromatomaly
5F504D

CSS Examples

Text

The CSS property to change the color of the text to Hex 734841 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 #734841 looks like.

```
.text, #text, p{  
    color:#734841  
}
```

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 #734841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734841
}
```

Border

The CSS property to change the border of an element to Hex 734841 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".

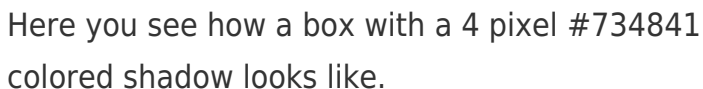
```
.border, #border, table{ border:4px solid
#734841 }
```

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

```
.border{ border-color:#734841 }
```

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

Here you see how a box with a 4 pixel #734841 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734841; -webkit-box-shadow:4px 4px  
4px 4px #734841; box-shadow:4px 4px 4px  
4px #734841 }
```

Background

The CSS property to change the background color of an element to Hex 734841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734841 }
```

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

```
.background{ background-color:#734841 }
```

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