

Converting Colors

Hex(735B46)

Have a look what the booklet for
Hex(735B46) contains.

Hex(735B46)	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(735B46)

Conversions

Conversions Part 1

Format	Color
Hex	735B46
RGB	115, 91, 70
RGB Percent	45%, 36%, 27%
CMY	0.5490, 0.6431, 0.7255
CMYK	0.00, 0.21, 0.39, 0.55
HSL	28°, 24%, 36%
HSV	28°, 39%, 45%
XYZ	11.9168, 11.5692, 7.3993
YIQ	95.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

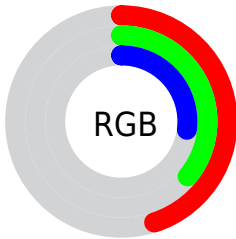
Format	Color
RYB	115, 109, 70
Decimal	7560006
CIELab	40.52, 6.62, 15.84
CIElCh	41, 17.165, 67.322
Yxy	11.5692, 0.3858, 0.3746
Android (android.graphics.Color)	4285750086 (0xFF735B46)
YUV	95.7820, -12.7105, 16.8542
Hunter-Lab	34.0135, 3.0147, 10.9115

Details

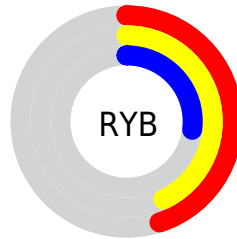
The Hex color **735B46** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **465E73**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A88D76**, and **422D1A** is the 20% darker color. If you saturate the color by 10%, you get **73553B**, and if you desaturate by 10%, it is **736152**.

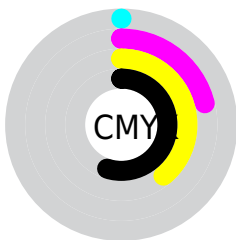
Distribution



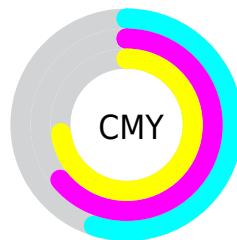
- Red (45%)
- Green (36%)
- Blue (27%)



- Red (45%)
- Yellow (43%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735B46 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 735B46 by changing the saturation by 10% instead.



735B46



735B46

FFFFFF



5A442F



A88D76



422D1A



C3A790



2B1900



E0C3AB



120000



FDDFC6



000000



FFFBE2



735B46



735B46



73553B



736152



734F2F



73675D

■ 734924

■ 736D69

■ 734218

■ 737474

■ 733C0D

■ 737A80

■ 733601

■ 73808B

■ 733600

■ 738697

■ 738CA2

■ 7392AE

Harmonies

Analogous

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



7B574F



735B46



666044

Triad

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



735B46



3A6763



665B76

Complementary

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



735B46



465E73

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.



53607B



735B46



366770

Square

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



735B46



476654



406479



74576B

Rectangle

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



735B46



5C6346



406479



605C78

Sweetspot

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



735B46



968D84



73465E



4D4742



CCCCCC



4D4D4D

Same Dimension

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



735B46



967150



737246



3B3835



7A3900



FA7500

Inverse Universe

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



465E73



507596



464873



35383B



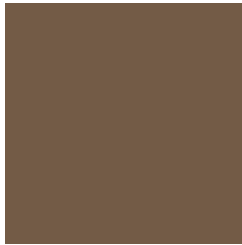
00417A



0085FA

Previews

White Background



This preview shows how the Hex color 735B46 looks on a white background.

Color Contrast Check

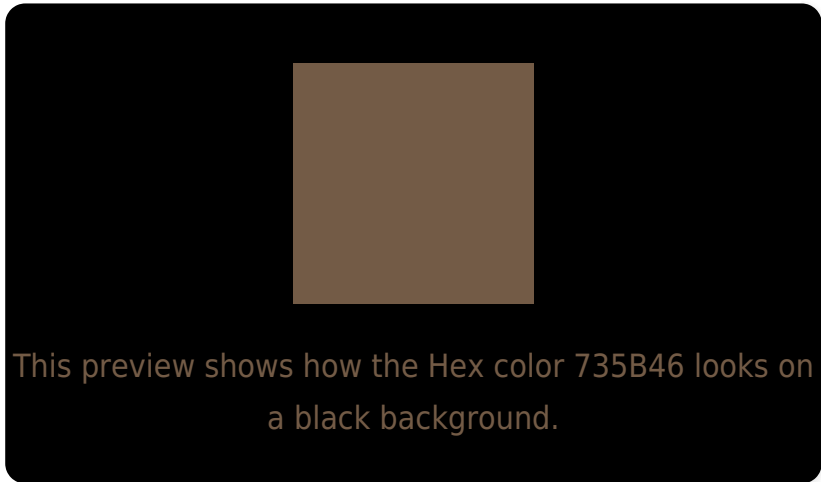
Large Text (above 18pt) WCAG AA ✓ Pass

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

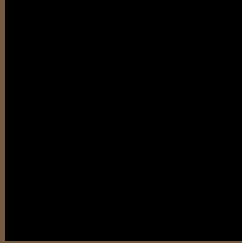
Any Text WCAG AA × Fail

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 735B46 Background



This preview shows how black text looks on a background with the Hex color 735B46.



This preview shows how white text looks on a background with the Hex color 735B46.

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
735B46

Protanopia
666048

Deuteranopia
715C46



Tritanopia
75585E

Trichromacy



Original Color
735B46

Protanomaly
6B5E47

Deuteranomaly
725C46

Tritanomaly
745955

Monochromacy



Original Color
735B46

Achromatopsia
606060

Achromatomaly
675E57

CSS Examples

Text

The CSS property to change the color of the text to Hex 735B46 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 #735B46 looks like.

```
.text, #text, p{  
    color:#735B46  
}
```

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 #735B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735B46
}
```

Border

The CSS property to change the border of an element to Hex 735B46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

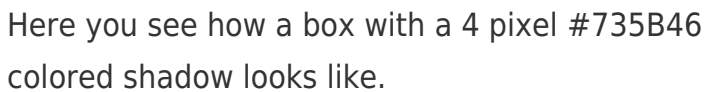
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735B46 }
```

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

```
.border{ border-color:#735B46 }
```

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



Here you see how a box with a 4 pixel #735B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735B46; -webkit-box-shadow:4px 4px  
4px 4px #735B46; box-shadow:4px 4px 4px  
4px #735B46 }
```

Background

The CSS property to change the background color of an element to Hex 735B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735B46 }
```

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

```
.background{ background-color:#735B46 }
```

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