

Converting Colors

Hex(735D46)

Have a look what the booklet for
Hex(735D46) contains.

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Color

Hex(735D46)

Conversions

Conversions Part 1

Format	Color
Hex	735D46
RGB	115, 93, 70
RGB Percent	45%, 36%, 27%
CMY	0.5490, 0.6353, 0.7255
CMYK	0.00, 0.19, 0.39, 0.55
HSL	31°, 24%, 36%
HSV	31°, 39%, 45%
XYZ	12.0901, 11.9157, 7.4571
YIQ	96.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

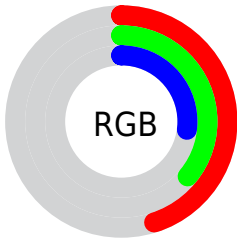
Format	Color
RYB	113, 115, 70
Decimal	7560518
CIELab	41.08, 5.42, 16.59
CIElCh	41, 17.451, 71.919
Yxy	11.9157, 0.3843, 0.3787
Android (android.graphics.Color)	4285750598 (0xFF735D46)
YUV	96.9560, -13.2893, 15.8246
Hunter-Lab	34.5192, 2.1097, 11.3551

Details

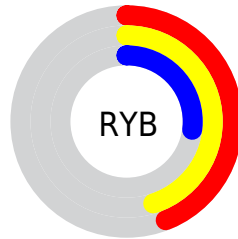
The Hex color **735D46** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **465C73**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A88F76**, and **422F1A** is the 20% darker color. If you saturate the color by 10%, you get **73573B**, and if you desaturate by 10%, it is **736352**.

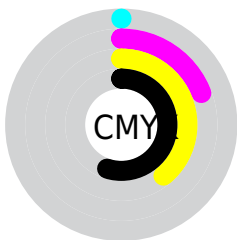
Distribution



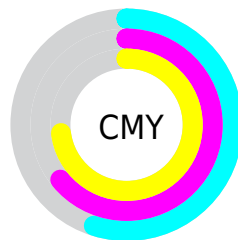
- Red (45%)
- Green (36%)
- Blue (27%)



- Red (44%)
- Yellow (45%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 735D46 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 735D46 by changing the saturation by 10% instead.

 735D46

 735D46

FFFFFF

 5A452F

 A88F76

 422F1A

 C3AA90

 2B1A00

 E0C5AB

 120000

 FDE1C6

 000000

 FFFEE2

 735D46

 735D46

 73573B

 736352

 73522F

 73685D

■ 734C24

■ 736E69

■ 734718

■ 737374

■ 73410D

■ 737980

■ 733B01

■ 737F8B

■ 733B00

■ 738497

■ 738AA2

■ 7390AE

Harmonies

Analogous

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



7C594E



735D46



656245

Triad

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



735D46



396966



6A5B76

Complementary

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



735D46



465C73

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.



57607D



735D46



376873

Square

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



735D46



456858



43657C



78576A

Rectangle

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



735D46



5B6548



43657C



645D79

Sweetspot

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



735D46



968E84



73465D



4D4742



CCCCCC



4D4D4D

Same Dimension

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



735D46



967450



737346



3B3835



7A3F00



FA8000

Inverse Universe

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



465C73



507296



464673



35383B



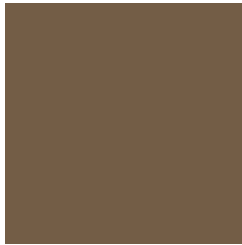
003C7A



007AFA

Previews

White Background



This preview shows how the Hex color 735D46 looks on a white background.

Color Contrast Check

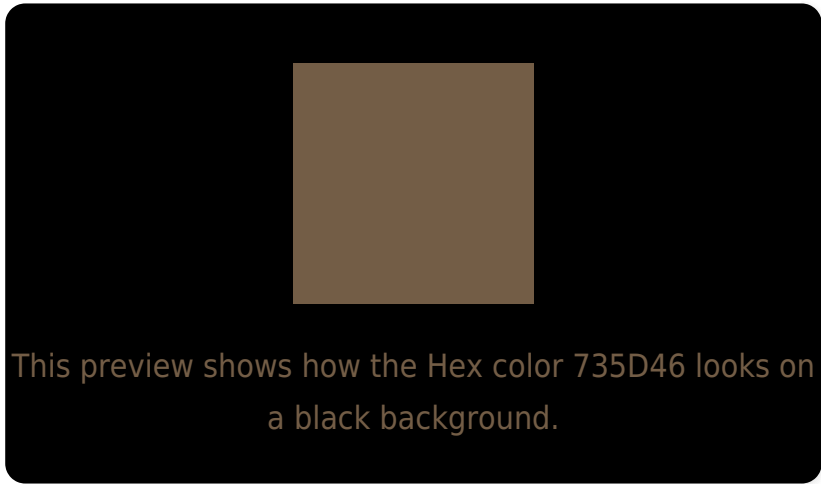
Large Text (above 18pt) WCAG AA ✓ Pass

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

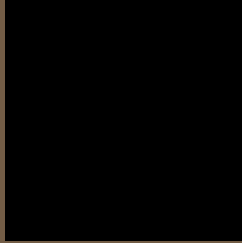
Any Text WCAG AA × Fail

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 735D46 Background



This preview shows how black text looks on a background with the Hex color 735D46.



This preview shows how white text looks on a background with the Hex color 735D46.

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
735D46

Protanopia
686148

Deuteranopia
735D46



Tritanopia
765960

Trichromacy



Original Color
735D46

Protanomaly
6C6047

Deuteranomaly
735D46

Tritanomaly
755A57

Monochromacy



Original Color
735D46

Achromatopsia
616161

Achromatomaly
686057

CSS Examples

Text

The CSS property to change the color of the text to Hex 735D46 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 #735D46 looks like.

```
.text, #text, p{  
    color:#735D46  
}
```

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 #735D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735D46
}
```

Border

The CSS property to change the border of an element to Hex 735D46 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
#735D46 }
```

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

```
.border{ border-color:#735D46 }
```

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

Here you see how a box with a 4 pixel #735D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735D46; -webkit-box-shadow:4px 4px  
4px 4px #735D46; box-shadow:4px 4px 4px  
4px #735D46 }
```

Background

The CSS property to change the background color of an element to Hex 735D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735D46 }
```

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

```
.background{ background-color:#735D46 }
```

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](#).

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