

Converting Colors

Hex(735C40)

Have a look what the booklet for
Hex(735C40) contains.

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Color

Hex(735C40)

Conversions

Conversions Part 1

Format	Color
Hex	735C40
RGB	115, 92, 64
RGB Percent	45%, 36%, 25%
CMY	0.5490, 0.6392, 0.7490
CMYK	0.00, 0.20, 0.44, 0.55
HSL	33°, 28%, 35%
HSV	33°, 44%, 45%
XYZ	11.8228, 11.6693, 6.4798
YIQ	95.6850, 22.6960, -3.8320

Conversions

Conversions Part 2

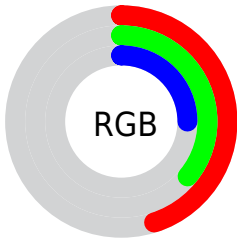
Format	Color
R_{YB}	106, 115, 64
Decimal	7560256
CIE _{Lab}	40.69, 5.26, 19.65
CIE _{LCh}	41, 20.341, 75.021
Yxy	11.6693, 0.3945, 0.3893
Android (android.graphics.Color)	4285750336 (0xFF735C40)
YUV	95.6850, -15.6207, 16.9393
Hunter-Lab	34.1604, 1.9977, 12.6657

Details

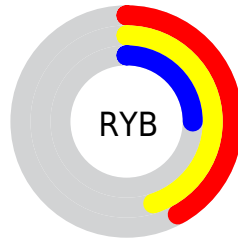
The Hex color **735C40** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **405773**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A88E70**, and **412E15** is the 20% darker color. If you saturate the color by 10%, you get **735735**, and if you desaturate by 10%, it is **73614C**.

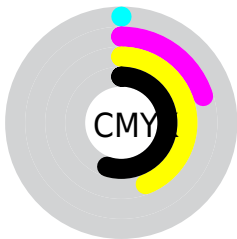
Distribution



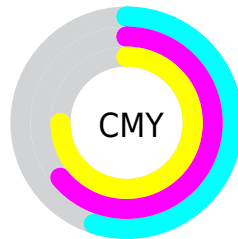
- Red (45%)
- Green (36%)
- Blue (25%)



- Red (42%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735C40 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 735C40 by changing the saturation by 10% instead.

 735C40

 735C40

FFFFFF

 5A452A

 A88E70

 412E15

 C4A98A

 2B1900

 E0C4A4

 100000

 FDE0BF

 000000

 FFFCDB

 FFFFF8

 735C40

 735C40

 735735

 73614C

■ 735229

■ 736657

■ 734C1D

■ 736C62

■ 734712

■ 73716E

■ 734206

■ 73767A

■ 733F00

■ 737B85

■ 738091

■ 73859C

■ 738BA8

Harmonies

Analogous

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



7E5749



735C40



63623F

Triad

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



735C40



2D6968



6D5978

Complementary

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



735C40



405773

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.



565F80



735C40



2B6877

Square

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



735C40



3D6857



3E6480



7B5469

Rectangle

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



735C40



576544



3E6480



665B7B

Sweetspot

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



735C40



968E83



734058



4D4740



CCCCCC



4D4D4D

Same Dimension

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



735C40



967247



717340



3B3835



7A4300



FA8900

Inverse Universe

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



405773



476B96



424073



35373B



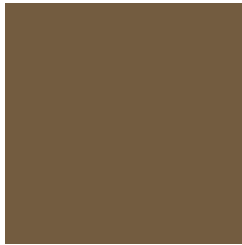
00377A



0071FA

Previews

White Background



This preview shows how the Hex color 735C40 looks on a white background.

Color Contrast Check

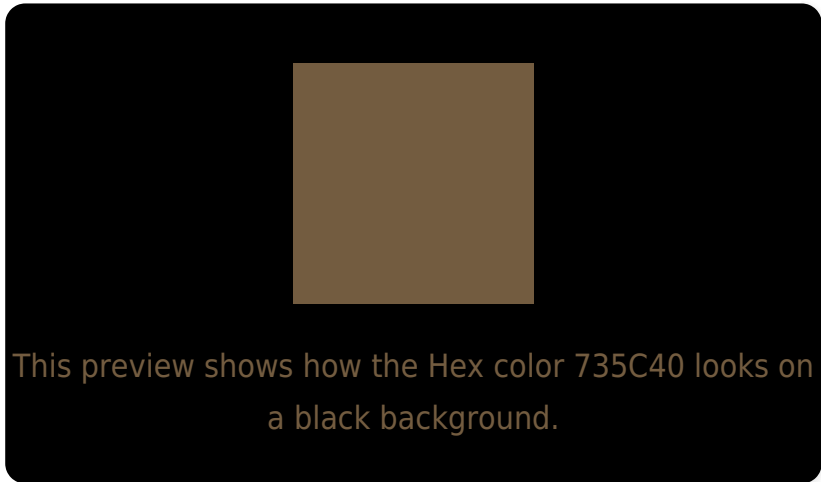
Large Text (above 18pt) WCAG AA ✓ Pass

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

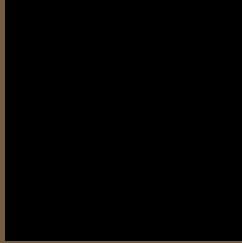
Any Text WCAG AA × Fail

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 735C40 Background



This preview shows how black text looks on a background with the Hex color 735C40.



This preview shows how white text looks on a background with the Hex color 735C40.

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
735C40

Protanopia
686042

Deuteranopia
735C40



Tritanopia
76585F

Trichromacy



Original Color
735C40

Protanomaly
6C5F41

Deuteranomaly
735C40

Tritanomaly
755954

Monochromacy



Original Color
735C40

Achromatopsia
606060

Achromatomaly
675F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 735C40 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 #735C40 looks like.

```
.text, #text, p{  
    color:#735C40  
}
```

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 #735C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735C40
}
```

Border

The CSS property to change the border of an element to Hex 735C40 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
#735C40 }
```

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

```
.border{ border-color:#735C40 }
```

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

Here you see how a box with a 4 pixel #735C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735C40; -webkit-box-shadow:4px 4px  
4px 4px #735C40; box-shadow:4px 4px 4px  
4px #735C40 }
```

Background

The CSS property to change the background color of an element to Hex 735C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735C40 }
```

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

```
.background{ background-color:#735C40 }
```

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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