

# Converting Colors

Hex(734A42)

Have a look what the booklet for  
Hex(734A42) contains.

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**Color**

**Hex(734A42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	734A42
RGB	115, 74, 66
RGB Percent	45%, 29%, 26%
CMY	0.5490, 0.7098, 0.7412
CMYK	0.00, 0.36, 0.43, 0.55
HSL	10°, 27%, 35%
HSV	10°, 43%, 45%
XYZ	10.5024, 8.9357, 6.3255
YIQ	85.3470, 27.0040, 6.2040

# Conversions

## Conversions Part 2

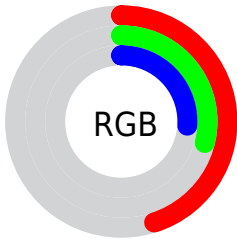
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 76, 66</a>
Decimal	<a href="#">7555650</a>
CIELab	<a href="#">35.86, 16.40, 11.95</a>
CIELCh	<a href="#">36, 20.291, 36.098</a>
Yxy	<a href="#">8.9357, 0.4076, 0.3468</a>
Android (android.graphics.Color)	<a href="#">4285745730 (0xFF734A42)</a>
YUV	<a href="#">85.3470, -9.5381, 26.0057</a>
Hunter-Lab	<a href="#">29.8927, 10.4012, 8.3788</a>

# Details

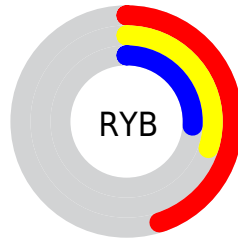
The Hex color **734A42** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **426B73**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A87B72**, and **411D17** is the 20% darker color. If you saturate the color by 10%, you get **734037**, and if you desaturate by 10%, it is **73544E**.

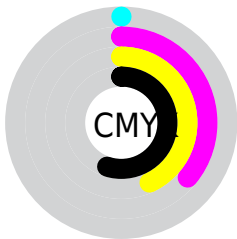
# Distribution



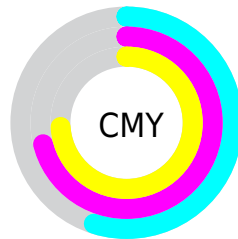
- Red (45%)
- Green (29%)
- Blue (26%)



- Red (45%)
- Yellow (30%)
- Blue (26%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (55%)



- Cyan (55%)
- Magenta (71%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734A42 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 734A42 by changing the saturation by 10% instead.



 734A42

 734A42

FFFFFF

 59332C

 A87B72

 411D17

 C4958B

 2A0700

 E1B0A6

 000000

 FECBC1

 FFE7DD

 FFFFF9

 734A42

 734A42

 734037

 73544E

 73372B

 735D59

 732D20

 736765

 732414

 737070

 731A09

 737A7C

 731300

 738487

 738D93

 73979E

 73A1AA

# Harmonies

## Analogous

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



744852



734A42



6A4F37

# Triad

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



734A42



375C47



435574

# Complementary

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



734A42



426B73

# 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.



2A5A72



734A42



245D57

# Square

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



734A42



4B593A



1B5C67



5B4F6F

# Rectangle

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



734A42



615334



1B5C67



3B5774



# Sweetspot

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



734A42



968683



73426C



4D4240



CCCCCC



4D4D4D



# Same Dimension

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



734A42



96564A



736242



3B3635



7A1400



FA2900



# Inverse Universe

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



426B73



4A8A96



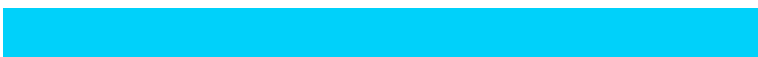
425373



353A3B



00667A



00D1FA



# Previews

## White Background



This preview shows how the Hex color 734A42 looks on a white background.

## Color Contrast Check

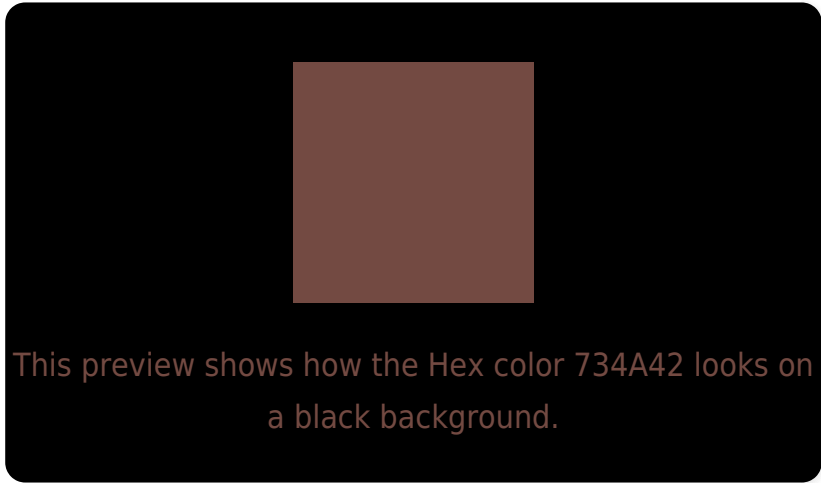
Large Text (above 18pt) WCAG AA ✓ Pass

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 734A42 Background



This preview shows how black text looks on a background with the Hex color 734A42.

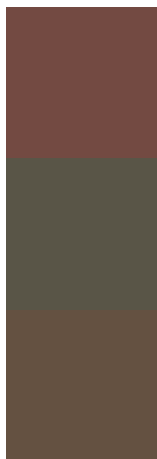


This preview shows how white text looks on a background with the Hex color 734A42.

# 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**  
734A42

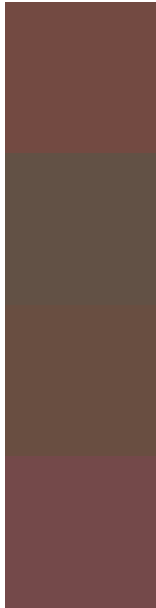
**Protanopia**  
595547

**Deuteranopia**  
645141



**Tritanopia**  
74484E

# Trichromacy



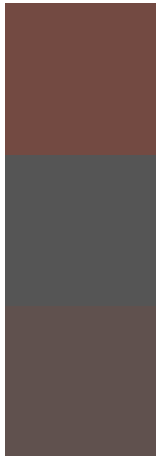
**Original Color**  
734A42

**Protanomaly**  
625145

**Deuteranomaly**  
694E41

**Tritanomaly**  
74494A

# Monochromacy



**Original Color**  
734A42

**Achromatopsia**  
555555

**Achromatomaly**  
60514E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734A42 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 #734A42 looks like.

```
.text, #text, p{  
  color:#734A42  
}
```

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 #734A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734A42
}
```

## Border

The CSS property to change the border of an element to Hex 734A42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

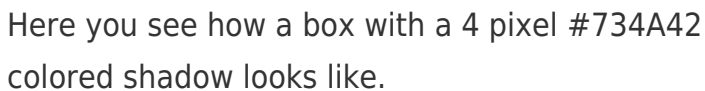
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734A42 }
```

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

```
.border{ border-color:#734A42 }
```

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



Here you see how a box with a 4 pixel #734A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734A42; -webkit-box-shadow:4px 4px  
4px 4px #734A42; box-shadow:4px 4px 4px  
4px #734A42 }
```

# Background

The CSS property to change the background color of an element to Hex 734A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734A42 }
```

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

```
.background{ background-color:#734A42 }
```

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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