

# Converting Colors

Hex(734630)

Have a look what the booklet for  
Hex(734630) contains.

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**Color**

**Hex(734630)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	734630
RGB	115, 70, 48
RGB Percent	45%, 27%, 19%
CMY	0.5490, 0.7255, 0.8118
CMYK	0.00, 0.39, 0.58, 0.55
HSL	20°, 41%, 32%
HSV	20°, 58%, 45%
XYZ	9.7939, 8.2386, 3.8703
YIQ	80.9470, 33.8820, 2.6980

# Conversions

## Conversions Part 2

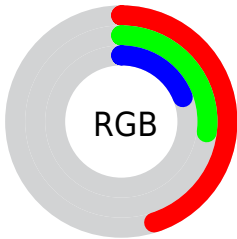
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 81, 48
Decimal	7554608
CIELab	34.47, 16.85, 21.27
CIElCh	34, 27.130, 51.616
Yxy	8.2386, 0.4472, 0.3761
Android (android.graphics.Color)	4285744688 (0xFF734630)
YUV	80.9470, -16.2429, 29.8645
Hunter-Lab	28.7029, 10.6771, 12.0973

# Details

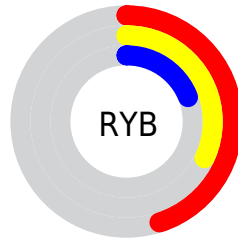
The Hex color **734630** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **305D73**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A9775E**, and **401A01** is the 20% darker color. If you saturate the color by 10%, you get **733E25**, and if you desaturate by 10%, it is **734E3C**.

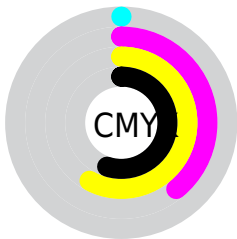
# Distribution



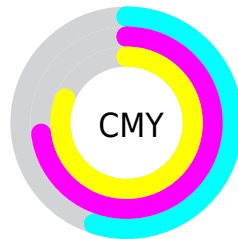
- Red (45%)
- Green (27%)
- Blue (19%)



- Red (45%)
- Yellow (32%)
- Blue (19%)



- Cyan (0%)
- Magenta (39%)
- Yellow (58%)
- Black (55%)



- Cyan (55%)
- Magenta (73%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734630 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 734630 by changing the saturation by 10% instead.



 734630

 734630

FFFFFF

 592F1B

 A9775E

 401A01

 C69077

 280200

 E2AB91

 000000

 FFC6AC

 FFE3C7

 FFFF E3

 734630

 734630

 733E25

 734E3C

■ 733719

■ 735547

■ 732F0D

■ 735D53

■ 732702

■ 73655E

■ 732600

■ 736D6A

■ 737475

■ 737C81

■ 73848C

■ 738C98

# Harmonies

## Analogous

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



7A4042



734630



644E26

# Triad

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



734630



115C4A



4A4E79

# Complementary

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



734630



305D73

# 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.



1E557B



734630



005C60

# Square

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



734630



365935



005A72



66466C

# Rectangle

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



734630



565326



005A72



3D507B



# Sweetspot

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



734630



96857D



73305E



4D423D



CCCCCC



4D4D4D



# Same Dimension

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



734630



96502D



736730



3B3735



7A2800



FA5200



# Inverse Universe

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



305D73



2D7496



303C73



35393B



00527A



00A8FA



# Previews

## White Background



This preview shows how the Hex color 734630 looks on a white background.

## Color Contrast Check

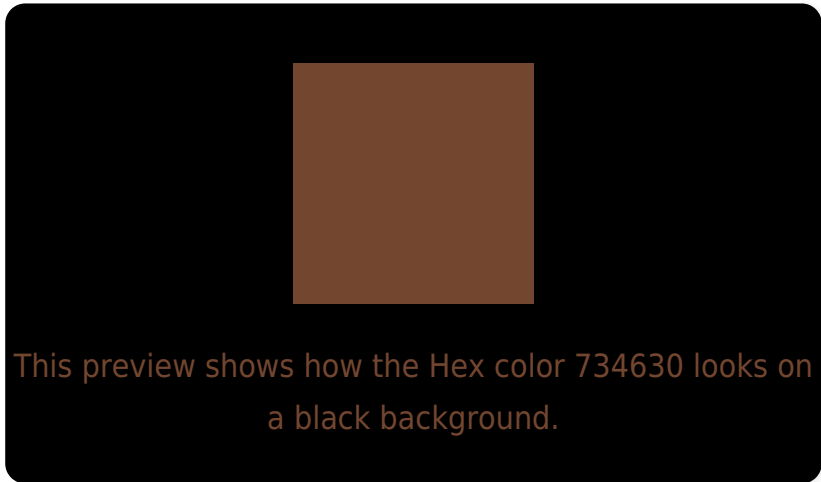
Large Text (above 18pt) WCAG AA ✓ Pass

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 734630 Background



This preview shows how black text looks on a background with the Hex color 734630.



This preview shows how white text looks on a background with the Hex color 734630.

# 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**  
734630

**Protanopia**  
595234

**Deuteranopia**  
634E2E



**Tritanopia**  
754348

# Trichromacy



**Original Color**  
734630

**Protanomaly**  
624E33

**Deuteranomaly**  
694B2F

**Tritanomaly**  
74443F

# Monochromacy



**Original Color**  
734630

**Achromatopsia**  
515151

**Achromatomaly**  
5D4D45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734630 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 #734630 looks like.

```
.text, #text, p{  
    color:#734630  
}
```

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 #734630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734630
}
```

## Border

The CSS property to change the border of an element to Hex 734630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

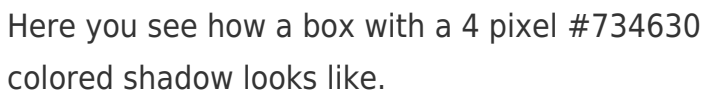
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734630 }
```

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

```
.border{ border-color:#734630 }
```

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



Here you see how a box with a 4 pixel #734630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734630; -webkit-box-shadow:4px 4px  
4px 4px #734630; box-shadow:4px 4px 4px  
4px #734630 }
```

# Background

The CSS property to change the background color of an element to Hex 734630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734630 }
```

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

```
.background{ background-color:#734630 }
```

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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