

# Converting Colors

Hex(734400)

Have a look what the booklet for  
Hex(734400) contains.

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**Color**

**Hex(734400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	734400
RGB	115, 68, 0
RGB Percent	45%, 27%, 0%
CMY	0.5490, 0.7333, 1.0000
CMYK	0.00, 0.41, 1.00, 0.55
HSL	35°, 100%, 23%
HSV	35°, 100%, 45%
XYZ	9.1374, 7.7791, 1.0199
YIQ	74.3010, 49.8400, -11.1840

# Conversions

## Conversions Part 2

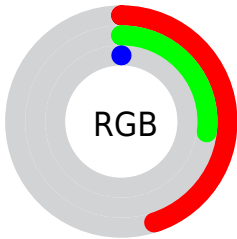
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 115, 0
Decimal	7554048
CIELab	33.52, 15.61, 43.22
CIElCh	34, 45.949, 70.142
Yxy	7.7791, 0.5094, 0.4337
Android (android.graphics.Color)	4285744128 (0xFF734400)
YUV	74.3010, -36.6304, 35.6930
Hunter-Lab	27.8910, 9.6690, 17.3556

# Details

The Hex color **734400** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002F73**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **AC7434**, and **3D1900** is the 20% darker color. If you saturate the color by 10%, you get **734400**, and if you desaturate by 10%, it is **73490B**.

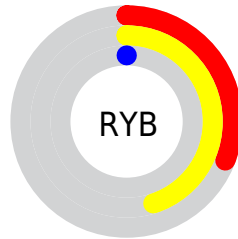
# Distribution



Red (45%)

Green (27%)

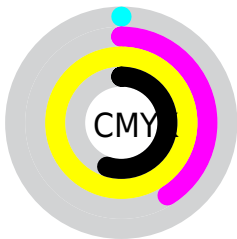
Blue (0%)



Red (31%)

Yellow (45%)

Blue (0%)

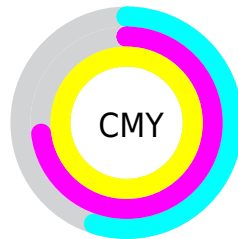


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734400 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 734400 by changing the saturation by 10% instead.



 734400

 734400

 FFFFED

 582E00

 AC7434

 3D1900

 C98E4C

 250000

 E6A865

 000000

 FFC47F

 FFDF9A

 FFFCB5

 FFFFDD1

 734400

 73490B

 734D17

 735223

 73572E

 735C3A

 736045

 736551

 736A5C

 736E68

# Harmonies

## Analogous

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



883421



734400



545100

# Triad

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



734400



005F5B



5F3F87

# Complementary

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



734400



002F73

# 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.



004F97



734400



005E7D

# Square

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



734400



005E35



005993



832E68

# Rectangle

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



734400



3B5702



005993



4D458E



# Sweetspot

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



734400



968469



730030



4D4131



CCCCCC



4D4D4D



# Same Dimension

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



734400



965900



697300



3B3835



7A4800



FA9400



# Inverse Universe

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



002F73



003D96



0A0073



35373B



00327A

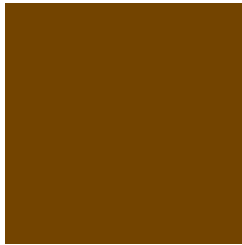


0066FA



# Previews

## White Background



This preview shows how the Hex color 734400 looks on a white background.

## Color Contrast Check

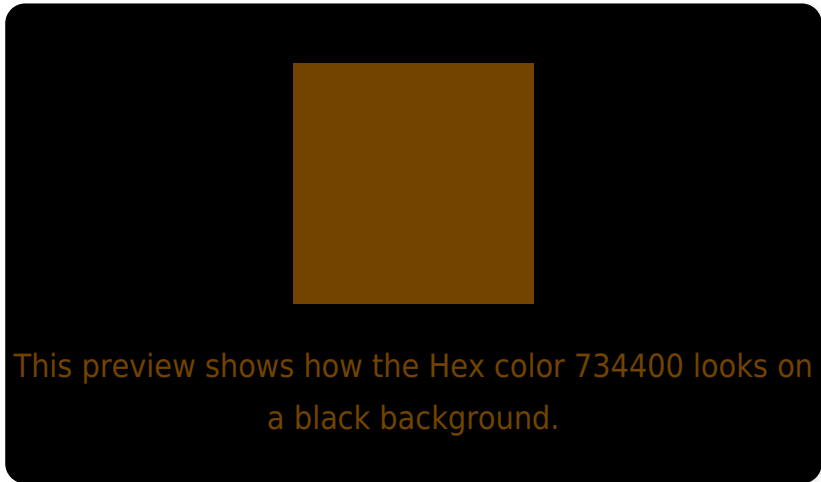
Large Text (above 18pt) WCAG AA ✓ Pass

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 734400 Background



This preview shows how black text looks on a background with the Hex color 734400.



This preview shows how white text looks on a background with the Hex color 734400.

# 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**  
734400

**Protanopia**  
5A5009

**Deuteranopia**  
644B00



**Tritanopia**  
753F44

# Trichromacy



**Original Color**  
734400

**Protanomaly**  
634C06

**Deuteranomaly**  
694800

**Tritanomaly**  
74412B

# Monochromacy



**Original Color**  
734400

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
59482F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734400 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 #734400 looks like.

```
.text, #text, p{  
    color:#734400  
}
```

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 #734400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734400
}
```

## Border

The CSS property to change the border of an element to Hex 734400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

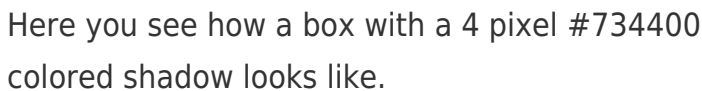
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734400 }
```

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

```
.border{ border-color:#734400 }
```

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



Here you see how a box with a 4 pixel #734400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734400; -webkit-box-shadow:4px 4px  
4px 4px #734400; box-shadow:4px 4px 4px  
4px #734400 }
```

# Background

The CSS property to change the background color of an element to Hex 734400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734400 }
```

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

```
.background{ background-color:#734400 }
```

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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