

Converting Colors

Hex(744C00)

Have a look what the booklet for
Hex(744C00) contains.

Hex(744C00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(744C00)

Conversions

Conversions Part 1

Format	Color
Hex	744C00
RGB	116, 76, 0
RGB Percent	45%, 30%, 0%
CMY	0.5451, 0.7020, 1.0000
CMYK	0.00, 0.34, 1.00, 0.55
HSL	39°, 100%, 23%
HSV	39°, 100%, 45%
XYZ	9.7869, 8.8819, 1.1985
YIQ	79.2960, 48.2360, -15.1560

Conversions

Conversions Part 2

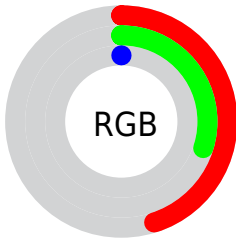
Format	Color
RYB	61, 116, 0
Decimal	7621632
CIELab	35.76, 11.27, 44.74
CIELCh	36, 46.141, 75.865
Yxy	8.8819, 0.4926, 0.4471
Android (android.graphics.Color)	4285811712 (0xFF744C00)
YUV	79.2960, -39.0929, 32.1894
Hunter-Lab	29.8025, 6.4636, 18.4773

Details

The Hex color **744C00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002874**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AC7D36**, and **3E2000** is the 20% darker color. If you saturate the color by 10%, you get **744C00**, and if you desaturate by 10%, it is **74500C**.

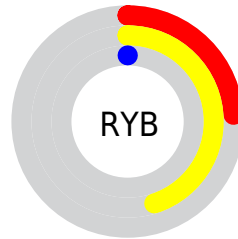
Distribution



Red (45%)

Green (30%)

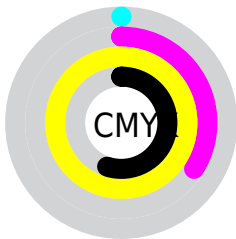
Blue (0%)



Red (24%)

Yellow (45%)

Blue (0%)

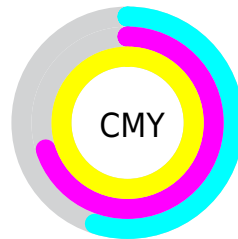


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744C00 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 744C00 by changing the saturation by 10% instead.

 744C00

 744C00

 FFFFF0

 593500

 AC7D36

 3E2000

 C9974E

 250B00

 E7B168

 000000

 FFCD82

 FFE99C

 FFFF80

 FFFF80

 744C00

 74500C

 745417

 745823

 745C2E

 74603A

 746446

 746851

 746C5D

 747068

Harmonies

Analogous

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



8C3C20



744C00



535800

Triad

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



744C00



006567



6E4188

Complementary

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



744C00



002874

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.



2B529C



744C00



006389

Square

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



744C00



006441



005D9C



8D3167

Rectangle

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



744C00



385E10



005D9C



5E4790

Sweetspot

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



744C00



968769



740029



4D4331



CCCCCC



4D4D4D

Same Dimension

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



744C00



966300



637400



3B3935



7A5000



FAA400

Inverse Universe

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



002874



003496



110074



35373B



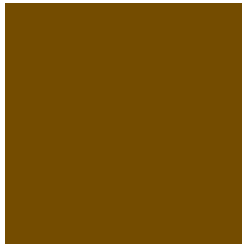
002A7A



0056FA

Previews

White Background



This preview shows how the Hex color 744C00 looks on a white background.

Color Contrast Check

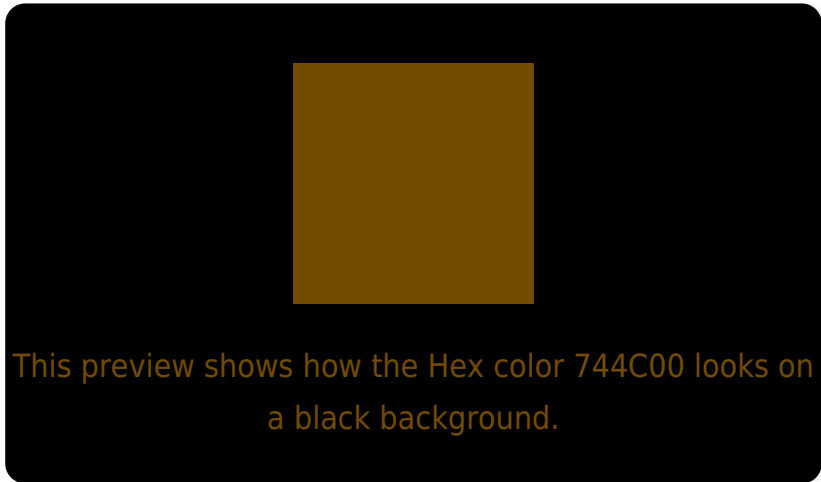
Large Text (above 18pt) WCAG AA ✓ Pass

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 744C00 Background



This preview shows how black text looks on a background with the Hex color 744C00.



This preview shows how white text looks on a background with the Hex color 744C00.

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
744C00

Protanopia
605508

Tritanopia
77474C

Trichromacy



Original Color
744C00

Protanomaly
675205

Tritanomaly
764930

Monochromacy



Original Color
744C00

Achromatopsia
4F4F4F

Achromatomaly
5C4E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 744C00 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 #744C00 looks like.

```
.text, #text, p{  
    color:#744C00  
}
```

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 #744C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744C00
}
```

Border

The CSS property to change the border of an element to Hex 744C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

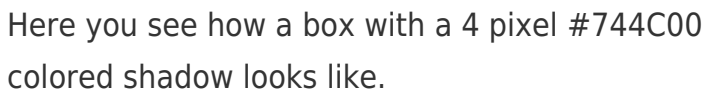
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744C00 }
```

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

```
.border{ border-color:#744C00 }
```

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

A rectangular box with a 4px #744C00 colored shadow. The box is white with a thin black border and a dark brown shadow on its right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #744C00 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744C00; -webkit-box-shadow:4px 4px  
4px 4px #744C00; box-shadow:4px 4px 4px  
4px #744C00 }
```

Background

The CSS property to change the background color of an element to Hex 744C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744C00 }
```

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

```
.background{ background-color:#744C00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor