

Converting Colors

Hex(744D2D)

Have a look what the booklet for
Hex(744D2D) contains.

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Color

Hex(744D2D)

Conversions

Conversions Part 1

Format	Color
Hex	744D2D
RGB	116, 77, 45
RGB Percent	45%, 30%, 18%
CMY	0.5451, 0.6980, 0.8235
CMYK	0.00, 0.34, 0.61, 0.55
HSL	27°, 44%, 32%
HSV	27°, 61%, 45%
XYZ	10.3300, 9.2102, 3.7159
YIQ	85.0130, 33.5160, -1.6840

Conversions

Conversions Part 2

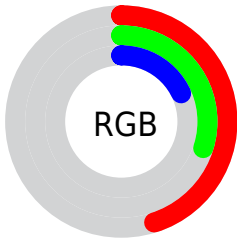
Format	Color
R_{YB}	116, 103, 45
Decimal	7621933
CIE Lab	36.39, 12.81, 25.45
CIE LCh	36, 28.490, 63.280
Yxy	9.2102, 0.4442, 0.3960
Android (android.graphics.Color)	4285812013 (0xFF744D2D)
YUV	85.0130, -19.7264, 27.1756
Hunter-Lab	30.3483, 7.6484, 13.9842

Details

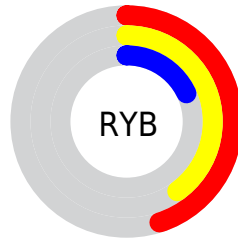
The Hex color **744D2D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2D5474**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **AA7E5C**, and **412000** is the 20% darker color. If you saturate the color by 10%, you get **744721**, and if you desaturate by 10%, it is **745339**.

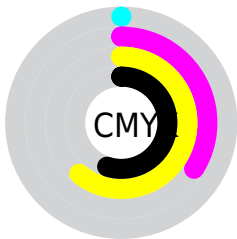
Distribution



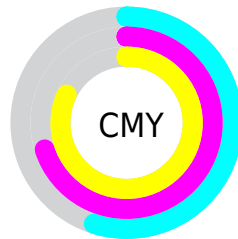
- Red (45%)
- Green (30%)
- Blue (18%)



- Red (45%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (34%)
- Yellow (61%)
- Black (55%)



- Cyan (55%)
- Magenta (70%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744D2D 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 744D2D by changing the saturation by 10% instead.



744D2D



744D2D

FFFFFF



5A3617



AA7E5C



412000



C79874



280C00



E3B38E



000000



FFCEA9



FFEBC4



FFFFE0



FFFFFD



744D2D



744D2D

■ 744721

■ 745339

■ 744016

■ 745A44

■ 743A0A

■ 746050

■ 743400

■ 74665B

■ 746D67

■ 747373

■ 747A7E

■ 74808A

■ 748695

Harmonies

Analogous

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



7F463E



744D2D



615527

Triad

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



744D2D



006157



5B4F7C

Complementary

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



744D2D



2D5474

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.



345783



744D2D



00616E

Square

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



744D2D



2C6040



005D7E



74466B

Rectangle

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



744D2D



525A2A



005D7E



505280

Sweetspot

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



744D2D



96887B



742D54



4D433C



CCCCCC



4D4D4D

Same Dimension

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



744D2D



965A29



74702D



3B3735



7A3700



FA7100

Inverse Universe

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



2D5474



296596



2D3174



35383B



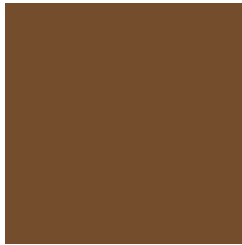
00437A



0089FA

Previews

White Background



This preview shows how the Hex color 744D2D looks on a white background.

Color Contrast Check

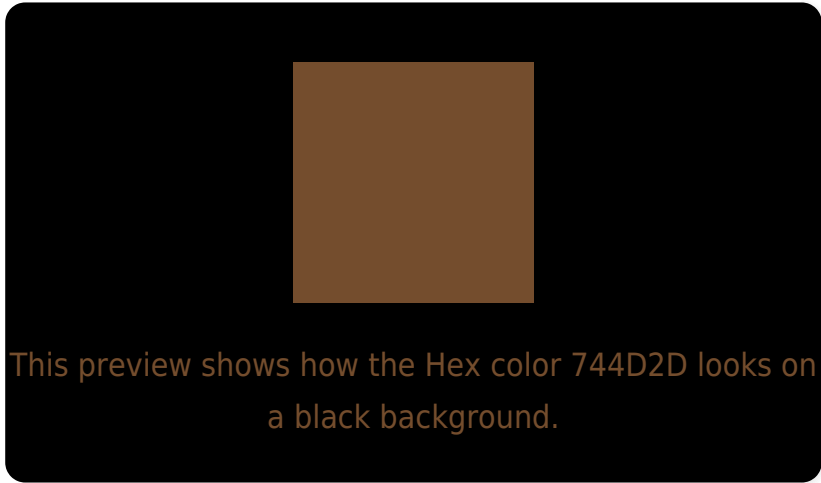
Large Text (above 18pt) WCAG AA ✓ Pass

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 744D2D Background



This preview shows how black text looks on a background with the Hex color 744D2D.



This preview shows how white text looks on a background with the Hex color 744D2D.

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

744D2D

Protanopia

5E5630

Deuteranopia

6A522C



Tritanopia
76494E

Trichromacy



Original Color
744D2D

Protanomaly
66532F

Deuteranomaly
6E502C

Tritanomaly
754A42

Monochromacy



Original Color
744D2D

Achromatopsia
555555

Achromatomaly
605246

CSS Examples

Text

The CSS property to change the color of the text to Hex 744D2D 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 #744D2D looks like.

```
.text, #text, p{  
    color:#744D2D  
}
```

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 #744D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744D2D
}
```

Border

The CSS property to change the border of an element to Hex 744D2D 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
#744D2D }
```

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

```
.border{ border-color:#744D2D }
```

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

Here you see how a box with a 4 pixel #744D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744D2D; -webkit-box-shadow:4px 4px  
4px 4px #744D2D; box-shadow:4px 4px 4px  
4px #744D2D }
```

Background

The CSS property to change the background color of an element to Hex 744D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744D2D }
```

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

```
.background{ background-color:#744D2D }
```

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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