

Converting Colors

Hex(742F4C)

Have a look what the booklet for
Hex(742F4C) contains.

Hex(742F4C)	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>	29

Color

Hex(742F4C)

Conversions

Conversions Part 1

Format	Color
Hex	742F4C
RGB	116, 47, 76
RGB Percent	45%, 18%, 30%
CMY	0.5451, 0.8157, 0.7020
CMYK	0.00, 0.59, 0.34, 0.55
HSL	335°, 42%, 32%
HSV	335°, 59%, 45%
XYZ	9.5235, 6.2678, 7.5453
YIQ	70.9370, 31.8150, 23.6470

Conversions

Conversions Part 2

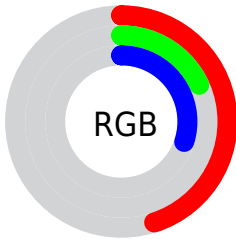
Format	Color
R_{YB}	116, 47, 76
Decimal	7614284
CIE _{Lab}	30.08, 33.62, -2.70
CIE _{LCh}	30, 33.727, 355.402
Yxy	6.2678, 0.4081, 0.2686
Android (android.graphics.Color)	4285804364 (0xFF742F4C)
YUV	70.9370, 2.4961, 39.5203
Hunter-Lab	25.0356, 24.0884, -0.3441

Details

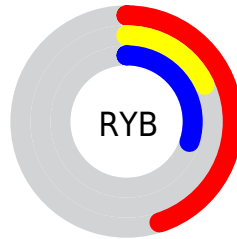
The Hex color **742F4C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2F7457**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **AA607D**, and **400020** is the 20% darker color. If you saturate the color by 10%, you get **742345**, and if you desaturate by 10%, it is **743B53**.

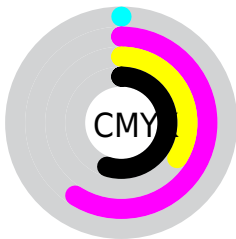
Distribution



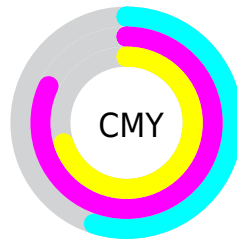
- Red (45%)
- Green (18%)
- Blue (30%)



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



- Cyan (0%)
- Magenta (59%)
- Yellow (34%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 742F4C 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 742F4C by changing the saturation by 10% instead.

 742F4C

 742F4C

FFFFFF

 5A1635

 AA607D

 400020

 C77A97

 2D0008

 E394B1

 000000

 FFB0CD

 FFCBE9

 FFE8FF

 742F4C

 742F4C

 742345

 743B53

 74183F

 744659

 740C38

 745260

 740131

 745D67

 740031

 74696E

 747574

 74807B

 748C82

 749789

Harmonies

Analogous

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



633665



742F4C



763132

Triad

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



742F4C



3F4C14



005172

Complementary

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



742F4C



2F7457

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.



00535D



742F4C



1C5128

Square

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



742F4C



58440E



005342



004B7B

Rectangle

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



742F4C



703722



005342



00526C

Sweetspot

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



742F4C



967B87



562F74



4D3C43



CCCCCC



4D4D4D

Same Dimension

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



742F4C



962C59



74342F



3B3537



7A0033



FA0069

Inverse Universe

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



742F4C



962C59



2F6F74



3B3537



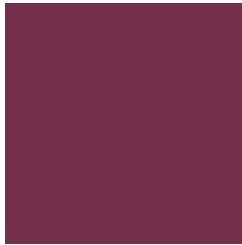
7A0033



FA0069

Previews

White Background



This preview shows how the Hex color 742F4C looks on a white background.

Color Contrast Check

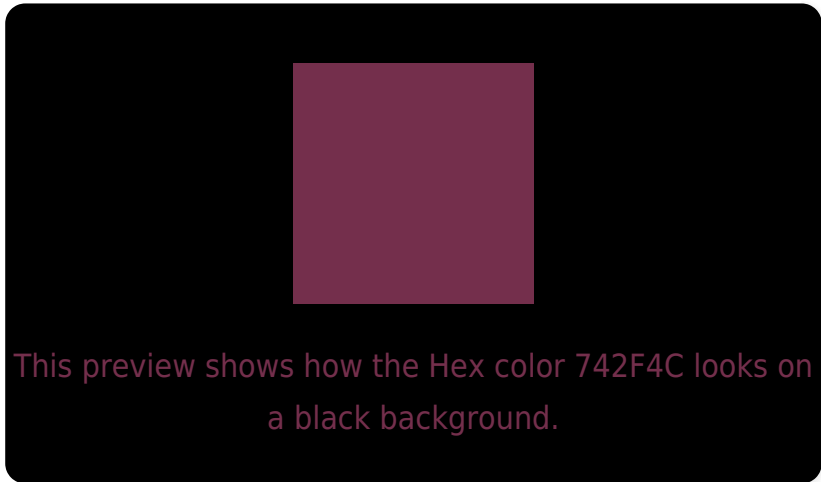
Large Text (above 18pt) WCAG AA ✓ Pass

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

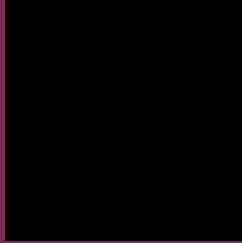
Any Text WCAG AA × Fail

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 742F4C Background



This preview shows how black text looks on a background with the Hex color 742F4C.



This preview shows how white text looks on a background with the Hex color 742F4C.

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
742F4C

Protanopia
43475B

Deuteranopia
4E4549



Tritanopia
723337

Trichromacy



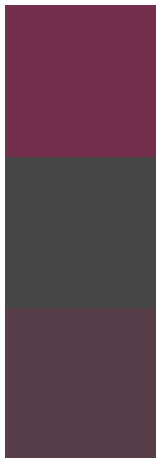
Original Color
742F4C

Protanomaly
553E56

Deuteranomaly
5C3D4A

Tritanomaly
73323F

Monochromacy



Original Color
742F4C

Achromatopsia
474747

Achromatomaly
573E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 742F4C 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 #742F4C looks like.

```
.text, #text, p{  
    color:#742F4C  
}
```

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 #742F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742F4C
}
```

Border

The CSS property to change the border of an element to Hex 742F4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

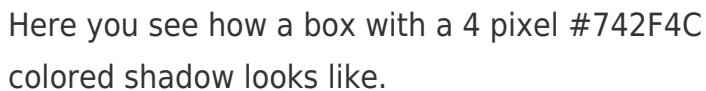
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742F4C }
```

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

```
.border{ border-color:#742F4C }
```

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



Here you see how a box with a 4 pixel #742F4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742F4C; -webkit-box-shadow:4px 4px  
4px 4px #742F4C; box-shadow:4px 4px 4px  
4px #742F4C }
```

Background

The CSS property to change the background color of an element to Hex 742F4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742F4C }
```

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

```
.background{ background-color:#742F4C }
```

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