

# Converting Colors

Hex(742F4D)

Have a look what the booklet for  
Hex(742F4D) contains.

<b>Hex(742F4D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(742F4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	742F4D
RGB	116, 47, 77
RGB Percent	45%, 18%, 30%
CMY	0.5451, 0.8157, 0.6980
CMYK	0.00, 0.59, 0.34, 0.55
HSL	334°, 42%, 32%
HSV	334°, 59%, 45%
XYZ	9.5585, 6.2819, 7.7299
YIQ	71.0510, 31.4940, 23.9580

# Conversions

## Conversions Part 2

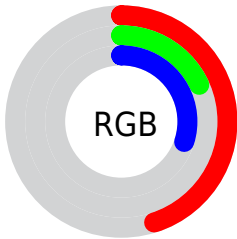
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 47, 77
Decimal	7614285
CIE <sub>Lab</sub>	30.11, 33.76, -3.31
CIE <sub>LCh</sub>	30, 33.917, 354.401
Yxy	6.2819, 0.4055, 0.2665
Android (android.graphics.Color)	4285804365 (0xFF742F4D)
YUV	71.0510, 2.9329, 39.4203
Hunter-Lab	25.0636, 24.2133, -0.7412

# Details

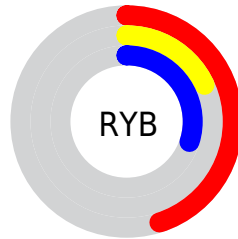
The Hex color **742F4D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2F7456**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **AA607E**, and **400021** is the 20% darker color. If you saturate the color by 10%, you get **742346**, and if you desaturate by 10%, it is **743B54**.

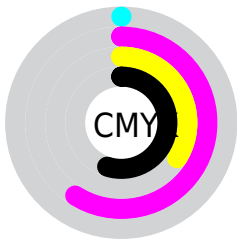
# Distribution



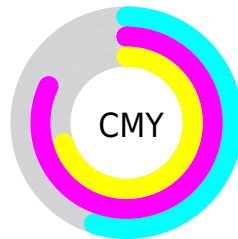
- Red (45%)
- Green (18%)
- Blue (30%)



- 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 742F4D 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 742F4D by changing the saturation by 10% instead.



 742F4D

 742F4D

FFFFFF

 5A1636

 AA607E

 400021

 C67A98

 2C000A

 E394B2

 000000

 FFB0CE

 FFCBEA

 FFE8FF

 742F4D

 742F4D

 742346

 743B54

■ 741840

■ 74465A

■ 740C39

■ 745261

■ 740133

■ 745D67

■ 740032

■ 74696E

■ 747574

■ 74807B

■ 748C81

■ 749788

# Harmonies

## Analogous

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



623766



742F4D



763133

# Triad

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



742F4D



404C13



005171

# Complementary

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



742F4D



2F7456

# 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.



00545C



742F4D



1D5127

# Square

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



742F4D



59440E



005341



004B7B

# Rectangle

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



742F4D



713623



005341



00526B



# Sweetspot

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



742F4D



967B87



552F74



4D3C43



CCCCCC



4D4D4D



# Same Dimension

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



742F4D



962C5A



74322F



3B3537



7A0035



FA006D



# Inverse Universe

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



742F4D



962C5A



2F7174



3B3537



7A0035

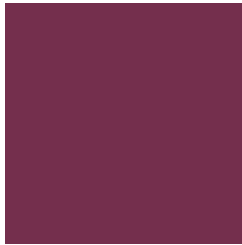


FA006D



# Previews

## White Background



This preview shows how the Hex color 742F4D looks on a white background.

## Color Contrast Check

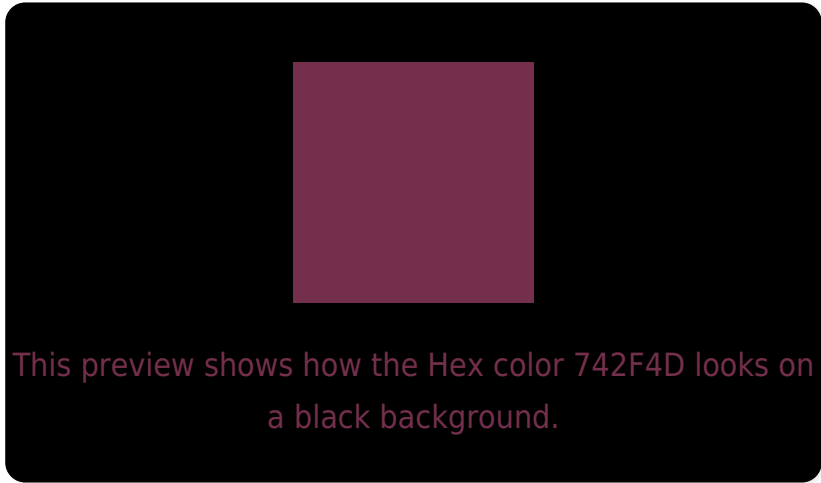
Large Text (above 18pt) WCAG AA ✓ Pass

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

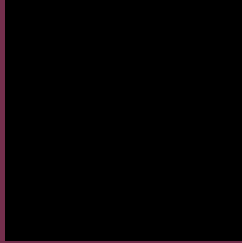
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 742F4D Background



This preview shows how black text looks on a background with the Hex color 742F4D.



This preview shows how white text looks on a background with the Hex color 742F4D.

# 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**  
742F4D

**Protanopia**  
42475D

**Deuteranopia**  
4E464A



# Trichromacy



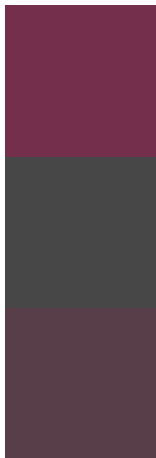
**Original Color**  
742F4D

**Protanomaly**  
543E57

**Deuteranomaly**  
5C3E4B

**Tritanomaly**  
73323F

# Monochromacy



**Original Color**  
742F4D

**Achromatopsia**  
474747

**Achromatomaly**  
573E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 742F4D 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 #742F4D looks like.

```
.text, #text, p{  
    color:#742F4D  
}
```

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 #742F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742F4D
}
```

## Border

The CSS property to change the border of an element to Hex 742F4D 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".

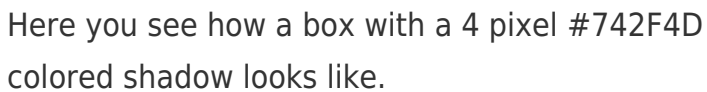
```
.border, #border, table{ border:4px solid
#742F4D }
```

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

```
.border{ border-color:#742F4D }
```

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

Here you see how a box with a 4 pixel #742F4D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #742F4D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742F4D; -webkit-box-shadow:4px 4px  
4px 4px #742F4D; box-shadow:4px 4px 4px  
4px #742F4D }
```

# Background

The CSS property to change the background color of an element to Hex 742F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742F4D }
```

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

```
.background{ background-color:#742F4D }
```

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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