

Converting Colors

Hex(742D4B)

Have a look what the booklet for
Hex(742D4B) contains.

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Color

Hex(742D4B)

Conversions

Conversions Part 1

Format	Color
Hex	742D4B
RGB	116, 45, 75
RGB Percent	45%, 18%, 29%
CMY	0.5451, 0.8235, 0.7059
CMYK	0.00, 0.61, 0.35, 0.55
HSL	335°, 44%, 32%
HSV	335°, 61%, 45%
XYZ	9.4108, 6.0978, 7.3376
YIQ	69.6490, 32.6860, 24.3820

Conversions

Conversions Part 2

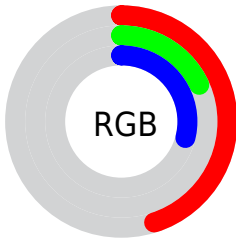
Format	Color
R_{YB}	116, 45, 75
Decimal	7613771
CIE _{Lab}	29.66, 34.51, -2.67
CIE _{LCh}	30, 34.615, 355.580
Yxy	6.0978, 0.4119, 0.2669
Android (android.graphics.Color)	4285803851 (0xFF742D4B)
YUV	69.6490, 2.6380, 40.6498
Hunter-Lab	24.6937, 24.8130, -0.3321

Details

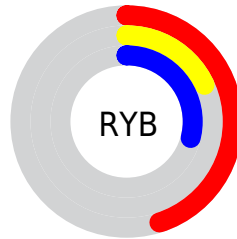
The Hex color **742D4B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2D7456**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **AA5E7C**, and **40001F** is the 20% darker color. If you saturate the color by 10%, you get **742144**, and if you desaturate by 10%, it is **743952**.

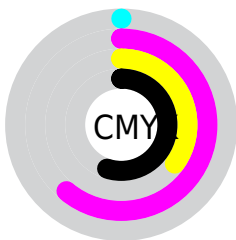
Distribution



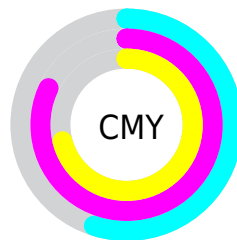
- Red (45%)
- Green (18%)
- Blue (29%)



- Red (45%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (35%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742D4B 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 742D4B by changing the saturation by 10% instead.

 742D4B

 742D4B

FFFFFF

 5A1434

 AA5E7C

 40001F

 C77895

 2C0007

 E393B0

 000000

 FFAECC

 FFC9E8

 FFE6FF

 742D4B

 742D4B

 742144

 743952

74163E

744458

740A37

74505F

740031

745B66

74676C

747373

747E7A

748A81

749587

Harmonies

Analogous

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



633565



742D4B



762F30

Triad

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



742D4B



3D4B11



005072

Complementary

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



742D4B



2D7456

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.



00535C



742D4B



195026

Square

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



742D4B



57430B



005241



004A7B

Rectangle

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



742D4B



703520



005241



00516C

Sweetspot

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



742D4B



967B87



552D74



4D3C43



CCCCCC



4D4D4D

Same Dimension

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



742D4B



962957



74322D



3B3537



7A0034



FA006A

Inverse Universe

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



742D4B



962957



2D6F74



3B3537



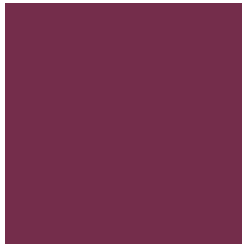
7A0034



FA006A

Previews

White Background



This preview shows how the Hex color 742D4B looks on a white background.

Color Contrast Check

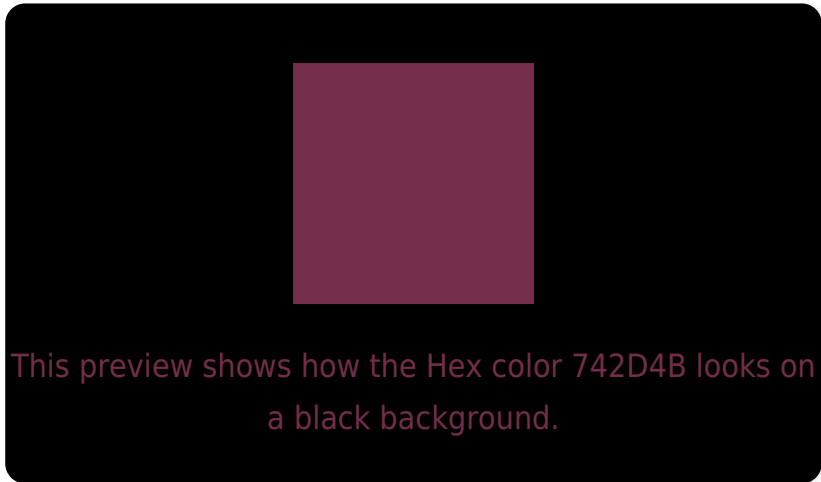
Large Text (above 18pt) WCAG AA ✓ Pass

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

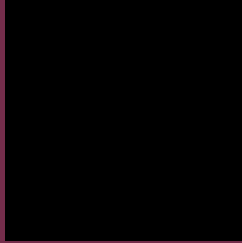
Any Text WCAG AA × Fail

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 742D4B Background



This preview shows how black text looks on a background with the Hex color 742D4B.



This preview shows how white text looks on a background with the Hex color 742D4B.

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
742D4B

Protanopia
41465B

Deuteranopia
4D4547

Trichromacy



Original Color
742D4B

Protanomaly
543D55

Deuteranomaly
5B3C48

Tritanomaly
73303D

Monochromacy



Original Color
742D4B

Achromatopsia
464646

Achromatomaly
573D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 742D4B 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 #742D4B looks like.

```
.text, #text, p{  
    color:#742D4B  
}
```

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 #742D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742D4B
}
```

Border

The CSS property to change the border of an element to Hex 742D4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

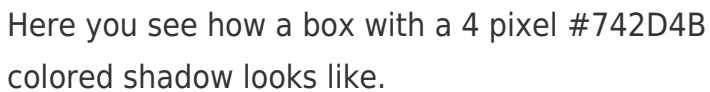
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742D4B }
```

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

```
.border{ border-color:#742D4B }
```

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



Here you see how a box with a 4 pixel #742D4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742D4B; -webkit-box-shadow:4px 4px  
4px 4px #742D4B; box-shadow:4px 4px 4px  
4px #742D4B }
```

Background

The CSS property to change the background color of an element to Hex 742D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742D4B }
```

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

```
.background{ background-color:#742D4B }
```

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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