

Converting Colors

Hex(742C49)

Have a look what the booklet for
Hex(742C49) contains.

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Color

Hex(742C49)

Conversions

Conversions Part 1

Format	Color
Hex	742C49
RGB	116, 44, 73
RGB Percent	45%, 17%, 29%
CMY	0.5451, 0.8275, 0.7137
CMYK	0.00, 0.62, 0.37, 0.55
HSL	336°, 45%, 31%
HSV	336°, 62%, 45%
XYZ	9.3057, 5.9954, 6.9701
YIQ	68.8340, 33.6030, 24.2830

Conversions

Conversions Part 2

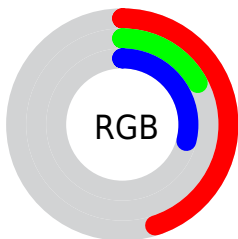
Format	Color
R_{YB}	116, 44, 73
Decimal	7613513
CIE _{Lab}	29.40, 34.76, -1.73
CIE _{LCh}	29, 34.798, 357.153
Yxy	5.9954, 0.4178, 0.2692
Android (android.graphics.Color)	4285803593 (0xFF742C49)
YUV	68.8340, 2.0538, 41.3646
Hunter-Lab	24.4855, 24.9894, 0.2623

Details

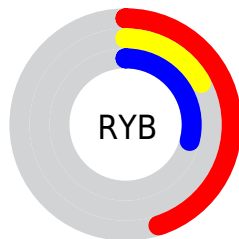
The Hex color **742C49** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2C7457**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **AB5E79**, and **40001E** is the 20% darker color. If you saturate the color by 10%, you get **742042**, and if you desaturate by 10%, it is **743850**.

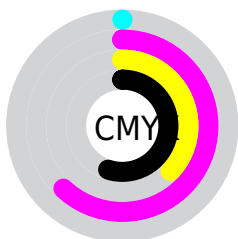
Distribution



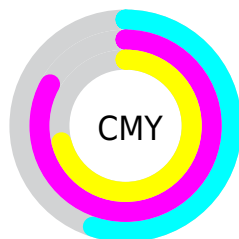
- Red (45%)
- Green (17%)
- Blue (29%)



- Red (45%)
- Yellow (17%)
- Blue (29%)



- Cyan (0%)
- Magenta (62%)
- Yellow (37%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742C49 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 742C49 by changing the saturation by 10% instead.

 742C49

 742C49

FFFFFF

 5A1233

 AB5E79

 40001E

 C77793

 2C0003

 E492AE

 000000

 FFADC9

 FFC8E5

 FFE5FF

 742C49

 742C49

 742042

 743850

 74153B

 744357

 740934

 744F5E

 74002F

 745A65

 74666C

 747273

 747D79

 748980

 749487

Harmonies

Analogous

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



633463



742C49



752F2E

Triad

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



742C49



3B4B11



004F72

Complementary

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



742C49



2C7457

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.



00525D



742C49



155027

Square

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



742C49



55430A



005242



00497B

Rectangle

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



742C49



6F351F



005242



00516C

Sweetspot

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



742C49



967A85



562C74



4D3B42



CCCCCC



4D4D4D

Same Dimension

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



742C49



962754



74322C



3B3537



7A0031



FA0065

Inverse Universe

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



742C49



962754



2C6E74



3B3537



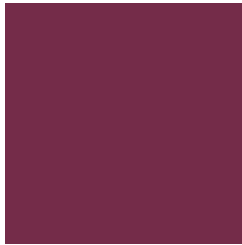
7A0031



FA0065

Previews

White Background



This preview shows how the Hex color 742C49 looks on a white background.

Color Contrast Check

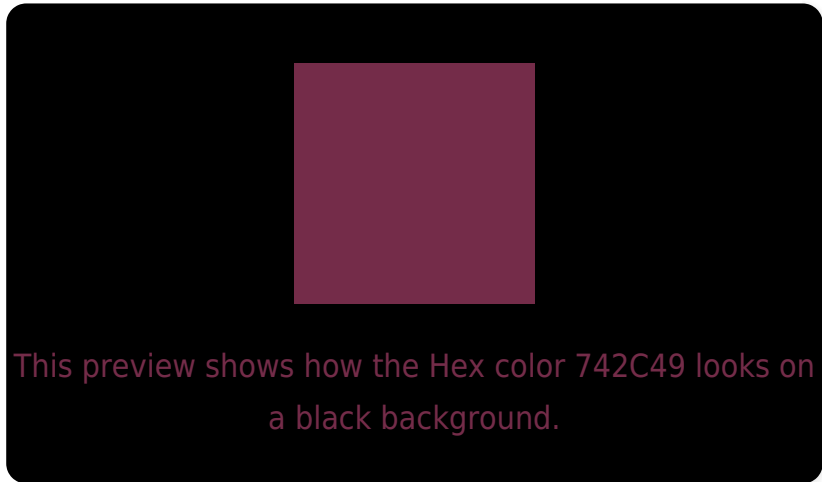
Large Text (above 18pt) WCAG AA ✓ Pass

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

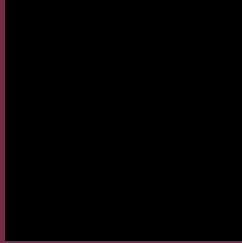
Any Text WCAG AA × Fail

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 742C49 Background



This preview shows how black text looks on a background with the Hex color 742C49.



This preview shows how white text looks on a background with the Hex color 742C49.

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
742C49

Protanopia
414559

Deuteranopia
4D4445



Tritanopia
723134

Trichromacy



Original Color
742C49

Protanomaly
543C53

Deuteranomaly
5B3B46

Tritanomaly
732F3C

Monochromacy



Original Color
742C49

Achromatopsia
454545

Achromatomaly
563C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 742C49 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 #742C49 looks like.

```
.text, #text, p{  
    color:#742C49  
}
```

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 #742C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742C49
}
```

Border

The CSS property to change the border of an element to Hex 742C49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

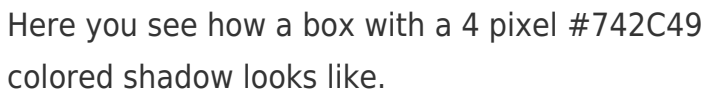
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742C49 }
```

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

```
.border{ border-color:#742C49 }
```

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



Here you see how a box with a 4 pixel #742C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742C49; -webkit-box-shadow:4px 4px  
4px 4px #742C49; box-shadow:4px 4px 4px  
4px #742C49 }
```

Background

The CSS property to change the background color of an element to Hex 742C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742C49 }
```

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

```
.background{ background-color:#742C49 }
```

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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