

Converting Colors

Hex(742A48)

Have a look what the booklet for
Hex(742A48) contains.

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Color

Hex(742A48)

Conversions

Conversions Part 1

Format	Color
Hex	742A48
RGB	116, 42, 72
RGB Percent	45%, 16%, 28%
CMY	0.5451, 0.8353, 0.7176
CMYK	0.00, 0.64, 0.38, 0.55
HSL	336°, 47%, 31%
HSV	336°, 64%, 45%
XYZ	9.2001, 5.8368, 6.7726
YIQ	67.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

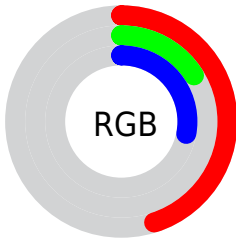
Format	Color
R_{YB}	116, 42, 72
Decimal	7613000
CIE Lab	29.00, 35.62, -1.66
CIE LCh	29, 35.660, 357.328
Yxy	5.8368, 0.4218, 0.2676
Android (android.graphics.Color)	4285803080 (0xFF742A48)
YUV	67.5460, 2.1958, 42.4942
Hunter-Lab	24.1595, 25.6951, 0.2909

Details

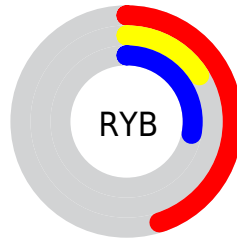
The Hex color **742A48** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2A7456**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **AB5C78**, and **40001D** is the 20% darker color. If you saturate the color by 10%, you get **741E41**, and if you desaturate by 10%, it is **74364F**.

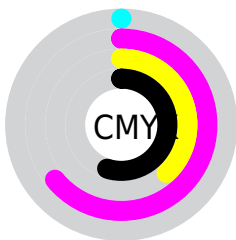
Distribution



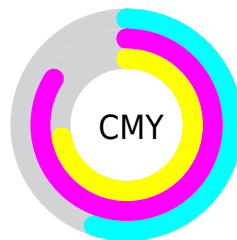
- Red (45%)
- Green (16%)
- Blue (28%)



- Red (45%)
- Yellow (16%)
- Blue (28%)



- Cyan (0%)
- Magenta (64%)
- Yellow (38%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742A48 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 742A48 by changing the saturation by 10% instead.

 742A48

 742A48

FFFFFF

 5A1032

 AB5C78

 40001D

 C77592

 2C0001

 E490AD

 000000

 FFABC8

 FFC7E4

 FFE3FF

 742A48

 742A48

 741E41

 74364F

 74133A

 744156

 740733

 744D5D

 74002F

 745864

 74646A

 747071

 747B78

 74877F

 749286

Harmonies

Analogous

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



633263



742A48



752D2D

Triad

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



742A48



3A4A0E



004F72

Complementary

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



742A48



2A7456

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.



00515D



742A48



104F25

Square

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



742A48



544206



005141



00487B

Rectangle

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



742A48



6E341D



005141



00506C

Sweetspot

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



742A48



967A85



552A74



4D3B42



CCCCCC



4D4D4D

Same Dimension

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



742A48



962352



74302A



3B3537



7A0032



FA0065

Inverse Universe

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



742A48



962352



2A6E74



3B3537



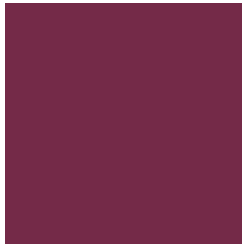
7A0032



FA0065

Previews

White Background



This preview shows how the Hex color 742A48 looks on a white background.

Color Contrast Check

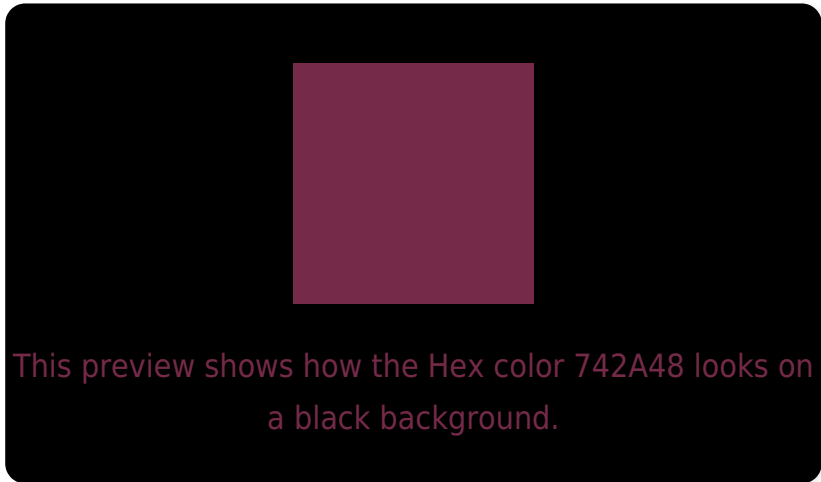
Large Text (above 18pt) WCAG AA ✓ Pass

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 742A48 Background



This preview shows how black text looks on a background with the Hex color 742A48.



This preview shows how white text looks on a background with the Hex color 742A48.

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

742A48

Protanopia

404559

Deuteranopia

4C4344



Tritanopia
722F32

Trichromacy



Original Color

742A48

Protanomaly

533B53

Deuteranomaly

5B3A45

Tritanomaly

732D3A

Monochromacy



Original Color

742A48

Achromatopsia

444444

Achromatomaly

553B45

CSS Examples

Text

The CSS property to change the color of the text to Hex 742A48 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 #742A48 looks like.

```
.text, #text, p{  
    color:#742A48  
}
```

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 #742A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742A48
}
```

Border

The CSS property to change the border of an element to Hex 742A48 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
#742A48 }
```

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

```
.border{ border-color:#742A48 }
```

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

Here you see how a box with a 4 pixel #742A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742A48; -webkit-box-shadow:4px 4px  
4px 4px #742A48; box-shadow:4px 4px 4px  
4px #742A48 }
```

Background

The CSS property to change the background color of an element to Hex 742A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742A48 }
```

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

```
.background{ background-color:#742A48 }
```

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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