

Converting Colors

Hex(742644)

Have a look what the booklet for
Hex(742644) contains.

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Color

Hex(742644)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 742644 |
| RGB | 116, 38, 68 |
| RGB Percent | 45%, 15%, 27% |
| CMY | 0.5451, 0.8510, 0.7333 |
| CMYK | 0.00, 0.67, 0.41, 0.55 |
| HSL | 337°, 51%, 30% |
| HSV | 337°, 67%, 45% |
| XYZ | 8.9390, 5.5166, 6.0625 |
| YIQ | 64.7420, 36.8580, 25.8660 |

Conversions

Conversions Part 2

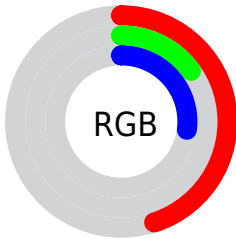
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 116, 38, 68 |
| Decimal | 7611972 |
| CIE _{Lab} | 28.16, 37.04, -0.24 |
| CIE _{LCh} | 28, 37.043, 359.636 |
| Yxy | 5.5166, 0.4357, 0.2689 |
| Android (android.graphics.Color) | 4285802052 (0xFF742644) |
| YUV | 64.7420, 1.6062, 44.9533 |
| Hunter-Lab | 23.4874, 26.8315, 1.1374 |

Details

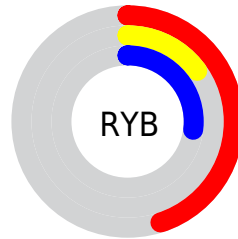
The Hex color **742644** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **267456**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **AB5874**, and **3F0019** is the 20% darker color. If you saturate the color by 10%, you get **741A3D**, and if you desaturate by 10%, it is **74324B**.

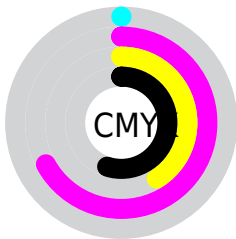
Distribution



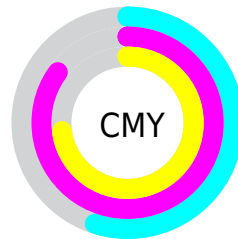
- Red (45%)
- Green (15%)
- Blue (27%)



- Red (45%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (67%)
- Yellow (41%)
- Black (55%)



- Cyan (55%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742644 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 742644 by changing the saturation by 10% instead.

 742644

 742644

FFFFFF

 590A2E

 AB5874

 3F0019

 C7728D

 2A0001

 E48CA8

 000000

 FFA7C3

 FFC3DF

 FFDFFC

 FFFCFF

 742644

 742644

741A3D

74324B

740F36

743D52

74032F

744959

74002D

745461

746068

746C6F

747776

74837D

748E84

Harmonies

Analogous

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



642E60



742644



742A28

Triad

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



742644



34490A



004D73

Complementary

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



742644



267456

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.



004F5E



742644



014E24

Square

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



742644



514101



005041



00467C

Rectangle

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



742644



6C3217



005041



004E6D

Sweetspot

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



742644



967884



552674



4D3A41



CCCCCC



4D4D4D

Same Dimension

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



742644



961D4B



742E26



3B3537



7A002F



FA0060

Inverse Universe

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



742644



961D4B



266C74



3B3537



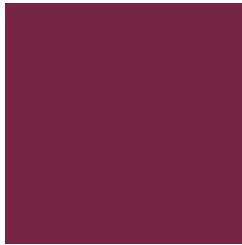
7A002F



FA0060

Previews

White Background



This preview shows how the Hex color 742644 looks on a white background.

Color Contrast Check

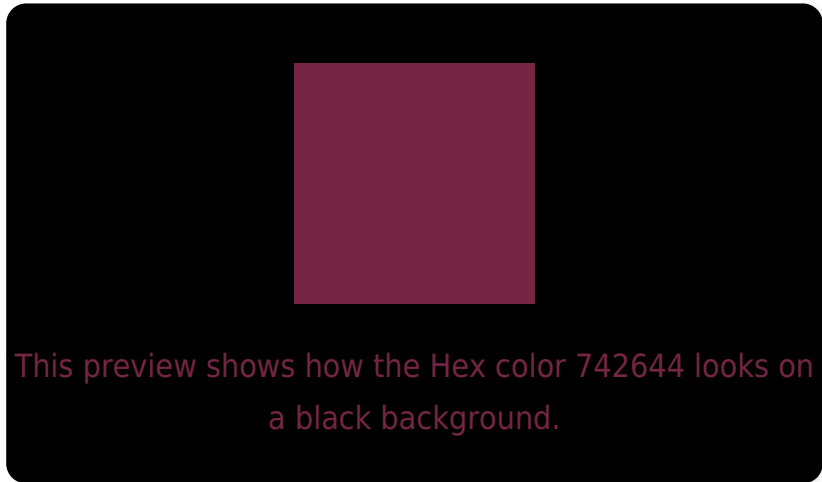
Large Text (above 18pt) WCAG AA ✓ Pass

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

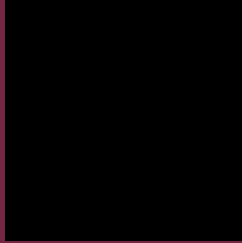
Any Text WCAG AA × Fail

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 742644 Background



This preview shows how black text looks on a background with the Hex color 742644.



This preview shows how white text looks on a background with the Hex color 742644.

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
742644

Protanopia
3F4356

Deuteranopia
4B4140



Tritanopia
722B2E

Trichromacy



Original Color
742644

Protanomaly
52384F

Deuteranomaly
5A3741

Tritanomaly
732936

Monochromacy



Original Color
742644

Achromatopsia
414141

Achromatomaly
543742

CSS Examples

Text

The CSS property to change the color of the text to Hex 742644 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 #742644 looks like.

```
.text, #text, p{  
    color:#742644  
}
```

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 #742644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742644
}
```

Border

The CSS property to change the border of an element to Hex 742644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

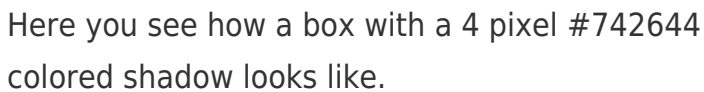
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742644 }
```

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

```
.border{ border-color:#742644 }
```

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



Here you see how a box with a 4 pixel #742644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742644; -webkit-box-shadow:4px 4px  
4px 4px #742644; box-shadow:4px 4px 4px  
4px #742644 }
```

Background

The CSS property to change the background color of an element to Hex 742644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742644 }
```

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

```
.background{ background-color:#742644 }
```

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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