

Converting Colors

Hex(742649)

Have a look what the booklet for
Hex(742649) contains.

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Color

Hex(742649)

Conversions

Conversions Part 1

Format	Color
Hex	742649
RGB	116, 38, 73
RGB Percent	45%, 15%, 29%
CMY	0.5451, 0.8510, 0.7137
CMYK	0.00, 0.67, 0.37, 0.55
HSL	333°, 51%, 30%
HSV	333°, 67%, 45%
XYZ	9.0982, 5.5803, 6.9009
YIQ	65.3120, 35.2530, 27.4210

Conversions

Conversions Part 2

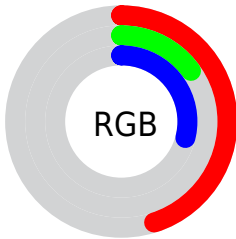
Format	Color
R_{YB}	116, 38, 73
Decimal	7611977
CIE _{Lab}	28.33, 37.65, -3.31
CIE _{LCh}	28, 37.800, 354.972
Yxy	5.5803, 0.4216, 0.2586
Android (android.graphics.Color)	4285802057 (0xFF742649)
YUV	65.3120, 3.7902, 44.4534
Hunter-Lab	23.6226, 27.4092, -0.7847

Details

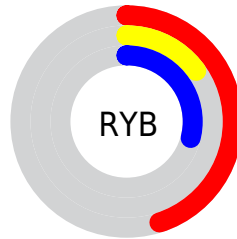
The Hex color **742649** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **267451**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **AB5879**, and **40001E** is the 20% darker color. If you saturate the color by 10%, you get **741A43**, and if you desaturate by 10%, it is **74324F**.

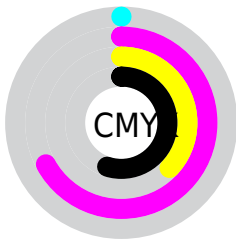
Distribution



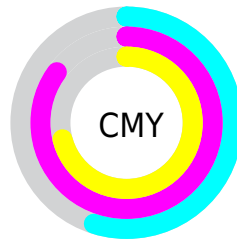
- Red (45%)
- Green (15%)
- Blue (29%)



- Red (45%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (67%)
- Yellow (37%)
- Black (55%)



- Cyan (55%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742649 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 742649 by changing the saturation by 10% instead.

 742649

 742649

FFFFFF

 5A0933

 AB5879

 40001E

 C77293

 2B0002

 E48CAE

 000000

 FFA7C9

 FFC3E5

 FFE0FF

 FFFCFF

 742649

 742649

■ 741A43

■ 74324F

■ 740F3C

■ 743D56

■ 740336

■ 74495C

■ 740034

■ 745463

■ 746069

■ 746C6F

■ 747776

■ 74837C

■ 748E83

Harmonies

Analogous

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



613065



742649



76282C

Triad

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



742649



394806



004E72

Complementary

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



742649



267451

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.



00505B



742649



0E4E1F

Square

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



742649



554000



00503D



00487D

Rectangle

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



742649



70301B



00503D



004F6B

Sweetspot

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



742649



967886



512674



4D3A42



CCCCCC



4D4D4D

Same Dimension

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



742649



961D53



742A26



3B3537



7A0037



FA0070

Inverse Universe

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



742649



961D53



267074



3B3537



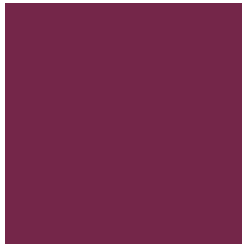
7A0037



FA0070

Previews

White Background



This preview shows how the Hex color 742649 looks on a white background.

Color Contrast Check

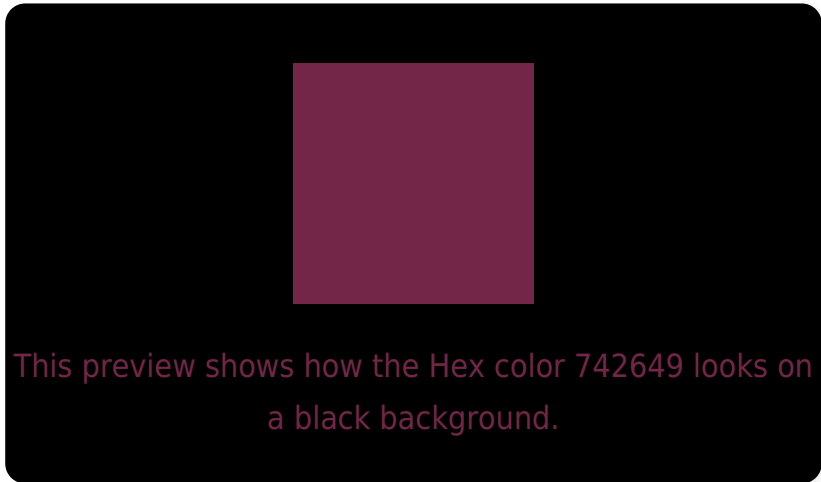
Large Text (above 18pt) WCAG AA ✓ Pass

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

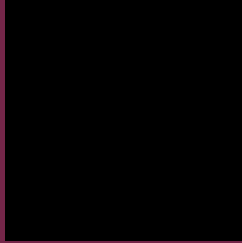
Any Text WCAG AA × Fail

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 742649 Background



This preview shows how black text looks on a background with the Hex color 742649.



This preview shows how white text looks on a background with the Hex color 742649.

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

742649

Protanopia

3D435C

Deuteranopia

4A4245

Trichromacy



Original Color
742649

Protanomaly
513855

Deuteranomaly
593846

Tritanomaly
732A38

Monochromacy



Original Color
742649

Achromatopsia
414141

Achromatomaly
543744

CSS Examples

Text

The CSS property to change the color of the text to Hex 742649 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 #742649 looks like.

```
.text, #text, p{  
    color:#742649  
}
```

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 #742649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742649
}
```

Border

The CSS property to change the border of an element to Hex 742649 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
#742649 }
```

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

```
.border{ border-color:#742649 }
```

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

Here you see how a box with a 4 pixel #742649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742649; -webkit-box-shadow:4px 4px  
4px 4px #742649; box-shadow:4px 4px 4px  
4px #742649 }
```

Background

The CSS property to change the background color of an element to Hex 742649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742649 }
```

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

```
.background{ background-color:#742649 }
```

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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