

Converting Colors

Hex(742970)

Have a look what the booklet for
Hex(742970) contains.

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Color

Hex(742970)

Conversions

Conversions Part 1

Format	Color
Hex	742970
RGB	116, 41, 112
RGB Percent	45%, 16%, 44%
CMY	0.5451, 0.8392, 0.5608
CMYK	0.00, 0.65, 0.03, 0.55
HSL	303°, 48%, 31%
HSV	303°, 65%, 45%
XYZ	10.9200, 6.4687, 16.0023
YIQ	71.5190, 21.9090, 37.9810

Conversions

Conversions Part 2

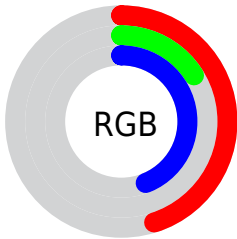
Format	Color
R_{YB}	116, 41, 112
Decimal	7612784
CIE _{Lab}	30.57, 42.36, -25.26
CIE _{LCh}	31, 49.317, 329.190
Yxy	6.4687, 0.3270, 0.1937
Android (android.graphics.Color)	4285802864 (0xFF742970)
YUV	71.5190, 19.9571, 39.0098
Hunter-Lab	25.4337, 32.1305, -19.5003

Details

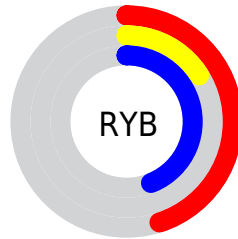
The Hex color **742970** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **29742D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **AA5CA4**, and **410040** is the 20% darker color. If you saturate the color by 10%, you get **741D6F**, and if you desaturate by 10%, it is **743571**.

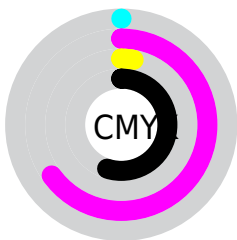
Distribution



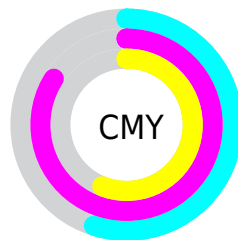
- Red (45%)
- Green (16%)
- Blue (44%)



- Red (45%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (65%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742970 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 742970 by changing the saturation by 10% instead.

■ 742970

■ 742970

FFFFFF

■ 5A0C57

■ AA5CA4

■ 410040

■ C676BF

■ 2C002A

■ E391DB

■ 000013

■ FFACF8

■ 000000

■ FFC8FF

■ FFE4FF

■ 742970

■ 742970

■ 741D6F

■ 743571

74126F

744071

74066E

744C72

74006E

745772

746373

746F74

747A74

748675

749176

Harmonies

Analogous

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



413E8C



742970



89184B

Triad

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



742970



594600



00596D

Complementary

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



742970



29742D

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.



005846



742970



335000

Square

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



742970



763600



00561D



00568A

Rectangle

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



742970



8A1C31



00561D



005960

Sweetspot

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



742970



967A95



2D2974



4D3B4C



CCCCCC



4D4D4D

Same Dimension

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



742970



962190



74294B



3B353A



7A0074



FA00ED

Inverse Universe

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



742970



962190



297452



3B353A



7A0074



FA00ED

Previews

White Background



This preview shows how the Hex color 742970 looks on a white background.

Color Contrast Check

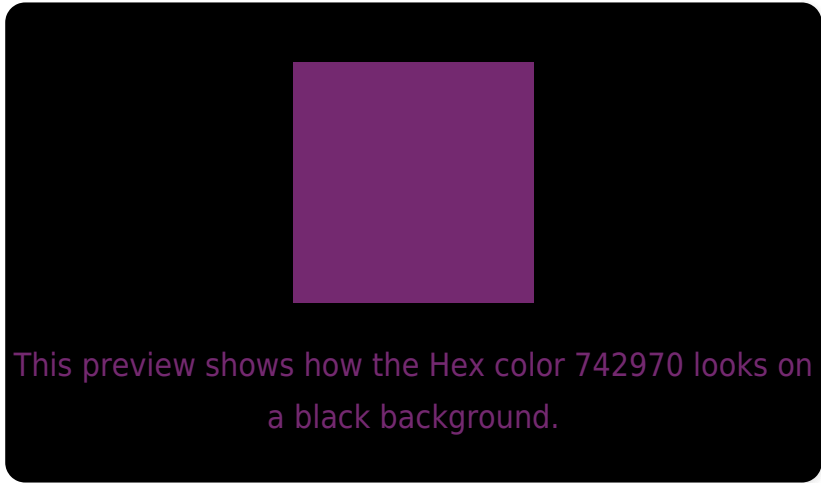
Large Text (above 18pt) WCAG AA ✓ Pass

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

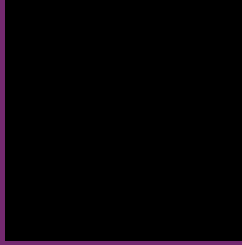
Any Text WCAG AA × Fail

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 742970 Background



This preview shows how black text looks on a background with the Hex color 742970.




This preview shows how white text looks on a background with the Hex color 742970.

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





Tritanopia
6E383C

Trichromacy



Original Color
742970

Protanomaly
403C81

Deuteranomaly
503D6D

Tritanomaly
70334F

Monochromacy



Original Color
742970

Achromatopsia
484848

Achromatomaly
583D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 742970 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 #742970 looks like.

```
.text, #text, p{  
    color:#742970  
}
```

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 #742970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742970
}
```

Border

The CSS property to change the border of an element to Hex 742970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

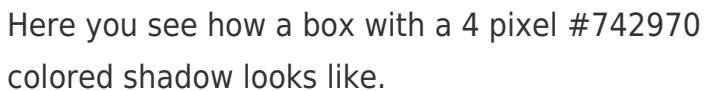
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742970 }
```

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

```
.border{ border-color:#742970 }
```

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



Here you see how a box with a 4 pixel #742970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742970; -webkit-box-shadow:4px 4px  
4px 4px #742970; box-shadow:4px 4px 4px  
4px #742970 }
```

Background

The CSS property to change the background color of an element to Hex 742970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742970 }
```

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

```
.background{ background-color:#742970 }
```

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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