

# Converting Colors

Hex(742860)

Have a look what the booklet for  
Hex(742860) contains.

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# Color

**Hex(742860)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 742860                    |
| RGB           | 116, 40, 96               |
| RGB Percent   | 45%, 16%, 38%             |
| CMY           | 0.5451, 0.8431, 0.6235    |
| CMYK          | 0.00, 0.66, 0.17, 0.55    |
| HSL           | 316°, 49%, 31%            |
| HSV           | 316°, 66%, 45%            |
| XYZ           | 10.0726, 6.0751, 11.7081  |
| YIQ           | 69.1080, 27.3200, 33.5280 |

# Conversions

## Conversions Part 2

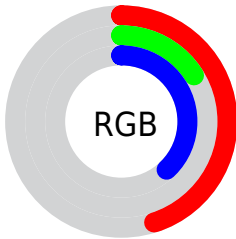
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 116, 40, 96                   |
| Decimal                             | 7612512                       |
| CIE Lab                             | 29.60, 40.06, -16.48          |
| CIE LCh                             | 30, 43.314, 337.633           |
| Yxy                                 | 6.0751, 0.3616,<br>0.2181     |
| Android<br>(android.graphics.Color) | 4285802592<br>(0xFF742860)    |
| YUV                                 | 69.1080, 13.2578,<br>41.1243  |
| Hunter-Lab                          | 24.6477, 29.8124,<br>-10.9102 |

# Details

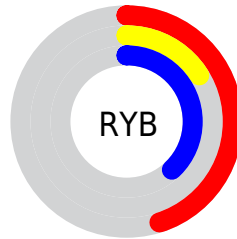
The Hex color **742860** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **28743C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **AA5B93**, and **410031** is the 20% darker color. If you saturate the color by 10%, you get **741C5D**, and if you desaturate by 10%, it is **743463**.

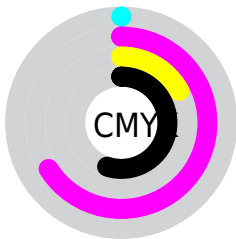
# Distribution



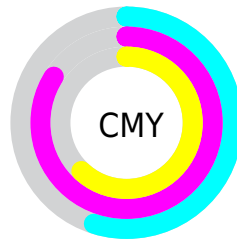
- Red (45%)
- Green (16%)
- Blue (38%)



- Red (45%)
- Yellow (16%)
- Blue (38%)



- Cyan (0%)
- Magenta (66%)
- Yellow (17%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 742860 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 742860 by changing the saturation by 10% instead.



 742860

 742860

FFFFFF

 5A0B48

 AA5B93

 410031

 C674AD

 2C001D

 E38FC9

 000000

 FFAAE5

 FFC6FF

 FFE2FF

 742860

 742860

 741C5D

 743463

 74115A

 743F66

 740557

 744B69

 740055

 74566C

 74626F

 746E72

 747975

 748578

 74907B

# Harmonies

## Analogous

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



51397B



742860



81213F

# Triad

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



742860



4D4700



00546E

# Complementary

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



742860



28743C

# 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.



00554E



742860



294F07

# Square

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



742860



693B00



00532B



005084

# Rectangle

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



742860



7F2629



00532B



005564



# Sweetspot

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



742860



96788F



3B2874



4D3A48



CCCCCC



4D4D4D



# Same Dimension

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



742860



962077



74283B



3B3539



7A005A



FA00B8



# Inverse Universe

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



742860



962077



287461



3B3539



7A005A

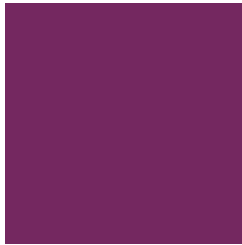


FA00B8



# Previews

## White Background



This preview shows how the Hex color 742860 looks on a white background.

## Color Contrast Check

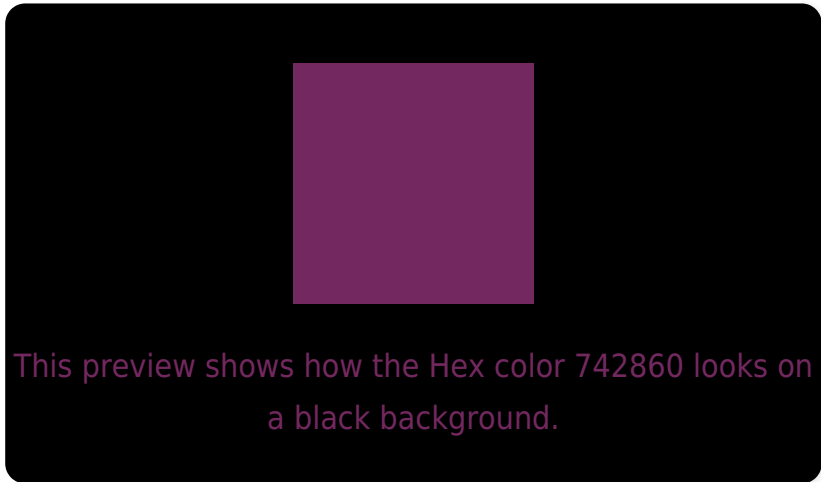
Large Text (above 18pt) WCAG AA ✓ Pass

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

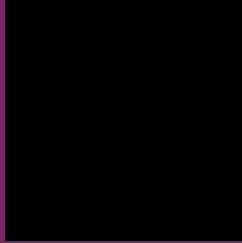
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 742860 Background



This preview shows how black text looks on a background with the Hex color 742860.




This preview shows how white text looks on a background with the Hex color 742860.

# 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**  
703337

# Trichromacy



**Original Color**  
742860

**Protanomaly**  
4A3A6F

**Deuteranomaly**  
553B5D

**Tritanomaly**  
712F46

# Monochromacy



**Original Color**  
742860

**Achromatopsia**  
454545

**Achromatomaly**  
563A4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 742860 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 #742860 looks like.

```
.text, #text, p{  
    color:#742860  
}
```

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 #742860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742860
}
```

## Border

The CSS property to change the border of an element to Hex 742860 is called "border". The border property can be set on classes, ids or directly on the HTML element.

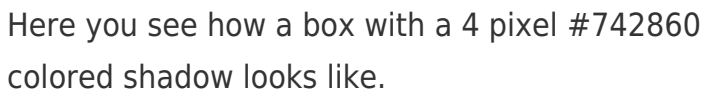
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742860 }
```

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

```
.border{ border-color:#742860 }
```

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



Here you see how a box with a 4 pixel #742860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742860; -webkit-box-shadow:4px 4px  
4px 4px #742860; box-shadow:4px 4px 4px  
4px #742860 }
```

# Background

The CSS property to change the background color of an element to Hex 742860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742860 }
```

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

```
.background{ background-color:#742860 }
```

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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