

Converting Colors

Hex(742D8F)

Have a look what the booklet for
Hex(742D8F) contains.

| | |
|--|----|
| Hex(742D8F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(742D8F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 742D8F |
| RGB | 116, 45, 143 |
| RGB Percent | 45%, 18%, 56% |
| CMY | 0.5451, 0.8235, 0.4392 |
| CMYK | 0.19, 0.69, 0.00, 0.44 |
| HSL | 283°, 52%, 37% |
| HSV | 283°, 69%, 56% |
| XYZ | 13.0988, 7.5729, 26.7579 |
| YIQ | 77.4010, 10.8580, 45.5300 |

Conversions

Conversions Part 2

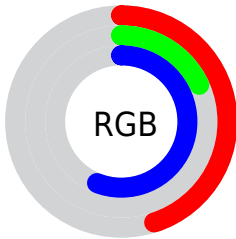
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 116, 45, 143 |
| Decimal | 7613839 |
| CIE _{Lab} | 33.08, 46.73, -40.66 |
| CIE _{LCh} | 33, 61.939, 318.972 |
| Yxy | 7.5729, 0.2762, 0.1597 |
| Android (android.graphics.Color) | 4285803919 (0xFF742D8F) |
| YUV | 77.4010, 32.3403, 33.8513 |
| Hunter-Lab | 27.5190, 36.8060, -38.3870 |

Details

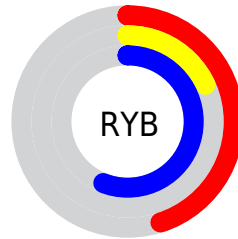
The Hex color **742D8F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **488F2D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **AB60C5**, and **40005C** is the 20% darker color. If you saturate the color by 10%, you get **701F8F**, and if you desaturate by 10%, it is **783B8F**.

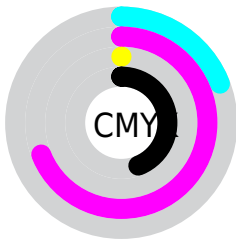
Distribution



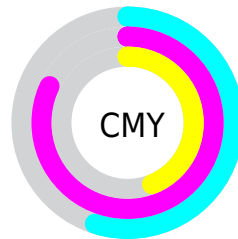
- Red (45%)
- Green (18%)
- Blue (56%)



- Red (45%)
- Yellow (18%)
- Blue (56%)



- Cyan (19%)
- Magenta (69%)
- Yellow (0%)
- Black (44%)



- Cyan (55%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742D8F 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 742D8F by changing the saturation by 10% instead.

 742D8F

 742D8F

FFFFFF

 5A1175

 AB60C5

 40005C

 C77BE2

 270044

 E495FF

 04002D

 FFB1FF

 000117

 FFCDFE

 000000

 FFEAFF

 742D8F

 742D8F

 701F8F

 783B8F

6C108F

7C4A8F

68028F

80588F

68008F

84668F

88758F

8C838F

90918F

949F8F

97AE8F

Harmonies

Analogous

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



0049AC



742D8F



990062

Triad

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



742D8F



6F4500



00626C

Complementary

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



742D8F



488F2D

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.



006139



742D8F



435500

Square

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



742D8F



8F2B00



005D00



006098

Rectangle

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



742D8F



A10042



005D00



00625C

Sweetspot

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



742D8F



AF93BA



2D498F



58475E



DEDEDE



5E5E5E

Same Dimension

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



742D8F



9022BA



8F2D7A



454047



620087



060008

Inverse Universe

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



8F2D48



BA224C



2D8F42



474042



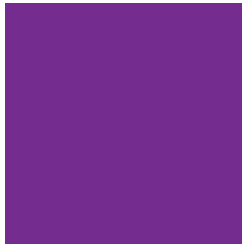
870025



080002

Previews

White Background



This preview shows how the Hex color 742D8F looks on a white background.

Color Contrast Check

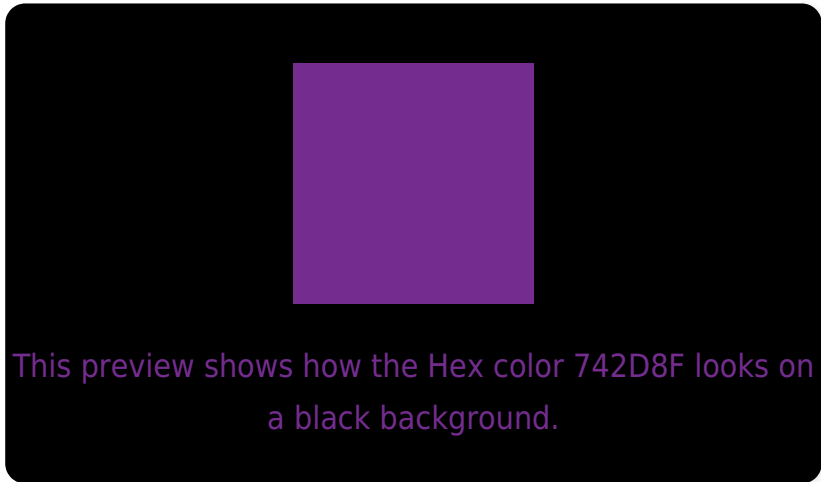
Large Text (above 18pt) WCAG AA ✓ Pass

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

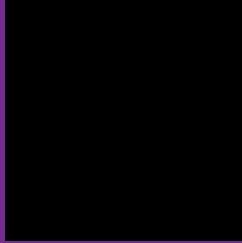
Any Text WCAG AA × Fail

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 742D8F Background



This preview shows how black text looks on a background with the Hex color 742D8F.

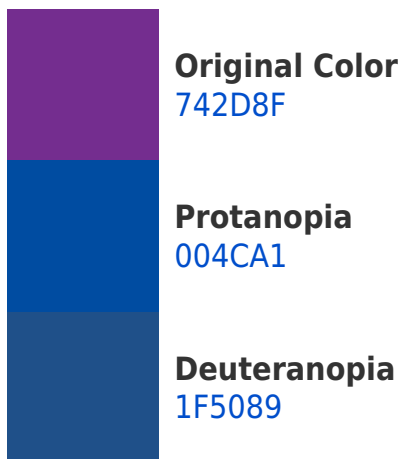



This preview shows how white text looks on a background with the Hex color 742D8F.

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](#).

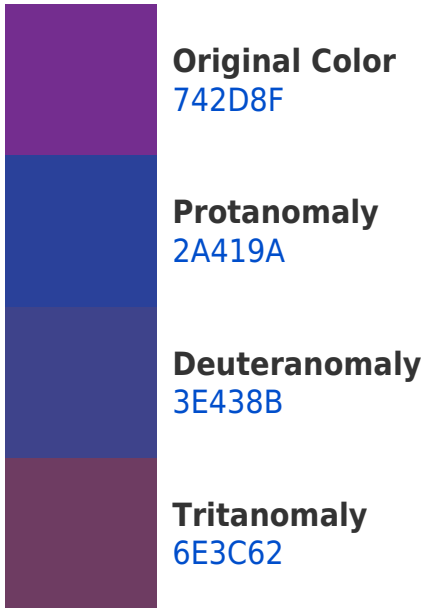
Dichromacy



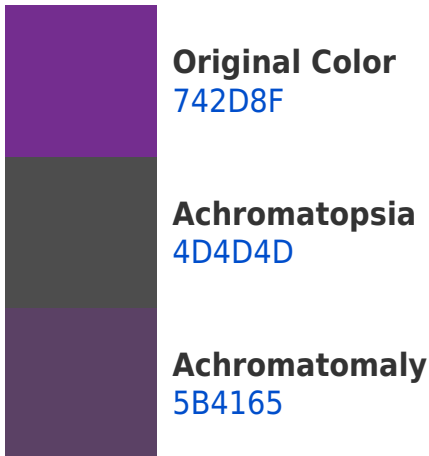


Tritanopia
6A4449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 742D8F 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 #742D8F looks like.

```
.text, #text, p{  
    color:#742D8F  
}
```

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 #742D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742D8F
}
```

Border

The CSS property to change the border of an element to Hex 742D8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

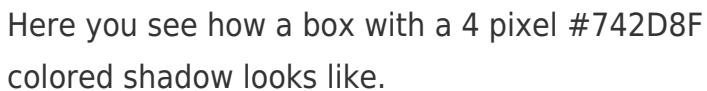
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742D8F }
```

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

```
.border{ border-color:#742D8F }
```

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



Here you see how a box with a 4 pixel #742D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742D8F; -webkit-box-shadow:4px 4px  
4px 4px #742D8F; box-shadow:4px 4px 4px  
4px #742D8F }
```

Background

The CSS property to change the background color of an element to Hex 742D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742D8F }
```

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

```
.background{ background-color:#742D8F }
```

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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