

# Converting Colors

Hex(702975)

Have a look what the booklet for  
Hex(702975) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(702975)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(702975)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 702975                    |
| RGB           | 112, 41, 117              |
| RGB Percent   | 44%, 16%, 46%             |
| CMY           | 0.5608, 0.8392, 0.5412    |
| CMYK          | 0.04, 0.65, 0.00, 0.54    |
| HSL           | 296°, 48%, 31%            |
| HSV           | 296°, 65%, 46%            |
| XYZ           | 10.6859, 6.3150, 17.4853  |
| YIQ           | 70.8930, 17.9200, 38.6880 |

# Conversions

## Conversions Part 2

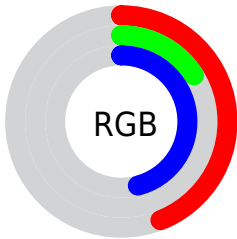
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 112, 41, 117                  |
| Decimal                             | 7350645                       |
| CIE <sub>Lab</sub>                  | 30.19, 42.21, -29.07          |
| CIE <sub>LCh</sub>                  | 30, 51.249, 325.449           |
| Yxy                                 | 6.3150, 0.3099,<br>0.1831     |
| Android<br>(android.graphics.Color) | 4285540725<br>(0xFF702975)    |
| YUV                                 | 70.8930, 22.7308,<br>36.0508  |
| Hunter-Lab                          | 25.1296, 31.9271,<br>-23.6636 |

# Details

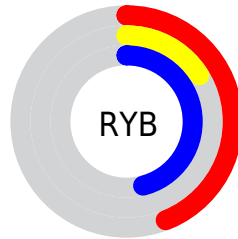
The Hex color **702975** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2E7529**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A65CA9**, and **3D0044** is the 20% darker color. If you saturate the color by 10%, you get **6F1D75**, and if you desaturate by 10%, it is **713575**.

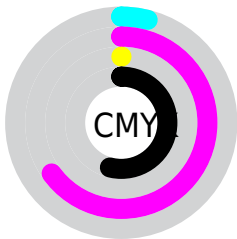
# Distribution



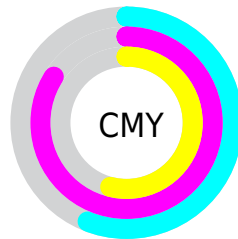
- Red (44%)
- Green (16%)
- Blue (46%)



- Red (44%)
- Yellow (16%)
- Blue (46%)



- Cyan (4%)
- Magenta (65%)
- Yellow (0%)
- Black (54%)



- Cyan (56%)
- Magenta (84%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702975 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 702975 by changing the saturation by 10% instead.



 702975

 702975

FFFFFF

 560D5C

 A65CA9

 3D0044

 C276C5

 29002E

 DE90E1

 000118

 FCABFE

 000000

 FFC7FF

 FFE4FF

 702975

 702975

 6F1D75

 713575

6E1275

724075

6E0675

724C75

6D0075

735875

746475

756F75

757B75

768775

779275

# Harmonies

## Analogous

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



343F90



702975



89134F

# Triad

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



702975



5D4300



005868

# Complementary

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



702975



2E7529

# 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.



005840



702975



374F00

# Square

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



702975



793100



005515



005689

# Rectangle

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



702975



8C1434



005515



00585B



# Sweetspot

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



702975



977C99



292E75



4B3B4D



CCCCCC



4D4D4D



# Same Dimension

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



702975



912299



752954



3A353B



72007A



E900FA



# Inverse Universe

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



75292E



99222A



29754A



3B3535



7A0008

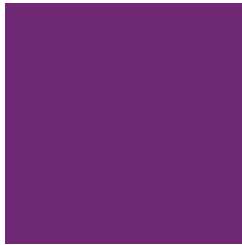


FA0010



# Previews

## White Background



This preview shows how the Hex color 702975 looks on a white background.

## Color Contrast Check

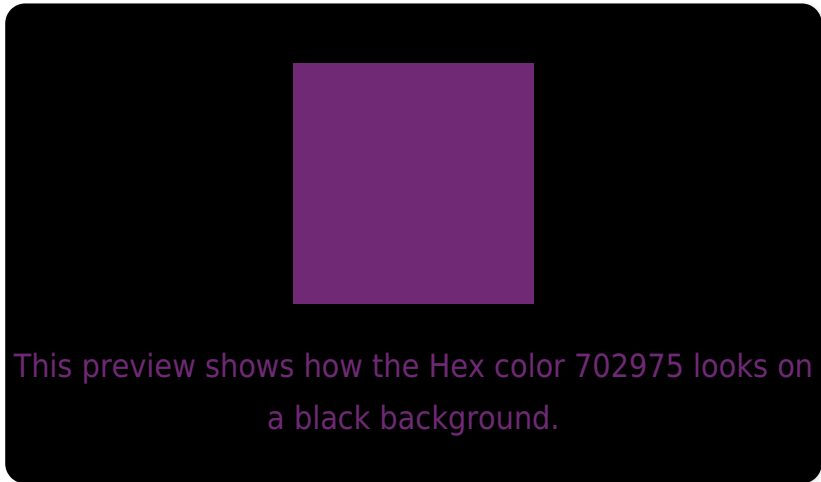
Large Text (above 18pt) WCAG AA ✓ Pass

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 702975 Background



This preview shows how black text looks on a background with the Hex color 702975.

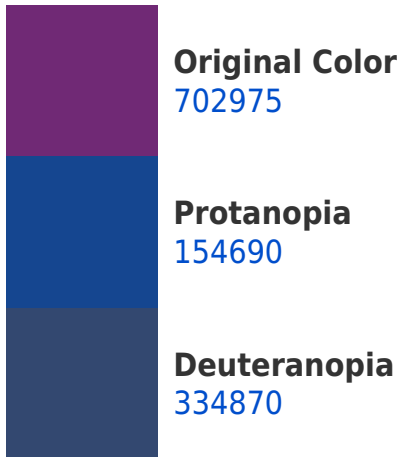


This preview shows how white text looks on a background with the Hex color 702975.

# 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**  
693A3E

# Trichromacy



**Original Color**  
702975

**Protanomaly**  
363B86

**Deuteranomaly**  
493D72

**Tritanomaly**  
6C3452

# Monochromacy



**Original Color**  
702975

**Achromatopsia**  
474747

**Achromatomaly**  
563C58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702975 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 #702975 looks like.

```
.text, #text, p{  
    color:#702975  
}
```

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 #702975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702975  
}
```

## Border

The CSS property to change the border of an element to Hex 702975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

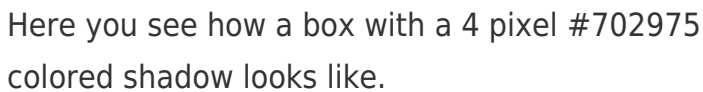
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#702975 }
```

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

```
.border{ border-color:#702975 }
```

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



Here you see how a box with a 4 pixel #702975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702975; -webkit-box-shadow:4px 4px  
4px 4px #702975; box-shadow:4px 4px 4px  
4px #702975 }
```

# Background

The CSS property to change the background color of an element to Hex 702975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702975 }
```

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

```
.background{ background-color:#702975 }
```

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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