

# Converting Colors

Hex(752975)

Have a look what the booklet for  
Hex(752975) contains.

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# Color

**Hex(752975)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	752975
RGB	117, 41, 117
RGB Percent	46%, 16%, 46%
CMY	0.5412, 0.8392, 0.5412
CMYK	0.00, 0.65, 0.00, 0.54
HSL	300°, 48%, 31%
HSV	300°, 65%, 46%
XYZ	11.3399, 6.6521, 17.5159
YIQ	72.3880, 20.9000, 39.7480

# Conversions

## Conversions Part 2

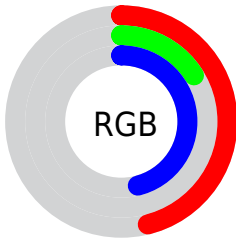
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	117, 41, 117
Decimal	7678325
CIE Lab	31.00, 43.55, -27.74
CIE LCh	31, 51.636, 327.510
Yxy	6.6521, 0.3194, 0.1873
Android (android.graphics.Color)	4285868405 (0xFF752975)
YUV	72.3880, 21.9937, 39.1247
Hunter-Lab	25.7917, 33.3462, -22.2114

# Details

The Hex color **752975** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **297529**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **AB5CA9**, and **410044** is the 20% darker color. If you saturate the color by 10%, you get **751D75**, and if you desaturate by 10%, it is **753575**.

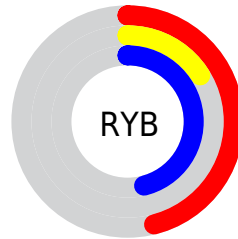
# Distribution



Red (46%)

Green (16%)

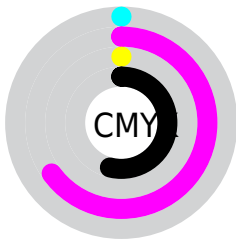
Blue (46%)



Red (46%)

Yellow (16%)

Blue (46%)

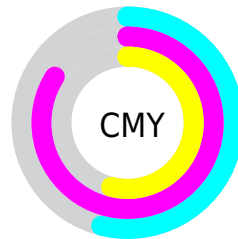


Cyan (0%)

Magenta (65%)

Yellow (0%)

Black (54%)



Cyan (54%)

Magenta (84%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 752975 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 752975 by changing the saturation by 10% instead.



 752975

 752975

FFFFFF

 5B0C5C

 AB5CA9

 410044

 C776C5

 2C002E

 E491E1

 000018

 FFACFE

 000000

 FFC8FF

 FFE5FF

 752975

 752975

 751D75

 753575

 751275

 754075

 750675

 754C75

 750075

 755875

 756475

 756F75

 757B75

 758775

 759275

# Harmonies

## Analogous

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



3C4091



752975



8C144E

# Triad

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



752975



5D4600



005A6D

# Complementary

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



752975



297529

# 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.



005A44



752975



355100

# Square

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



752975



7A3500



005719



00578D

# Rectangle

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



752975



8E1733



005719



005A60



# Sweetspot

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



752975



997C99



292975



4D3B4D



CCCCCC



4D4D4D



# Same Dimension

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



752975



992299



75294F



3B353B



7A007A



FA00FA



# Inverse Universe

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



752975



992299



29754F



3B353B



7A007A

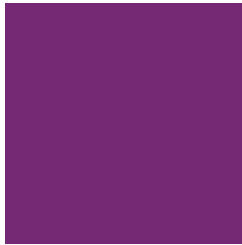


FA00FA



# Previews

## White Background



This preview shows how the Hex color 752975 looks on a white background.

## Color Contrast Check

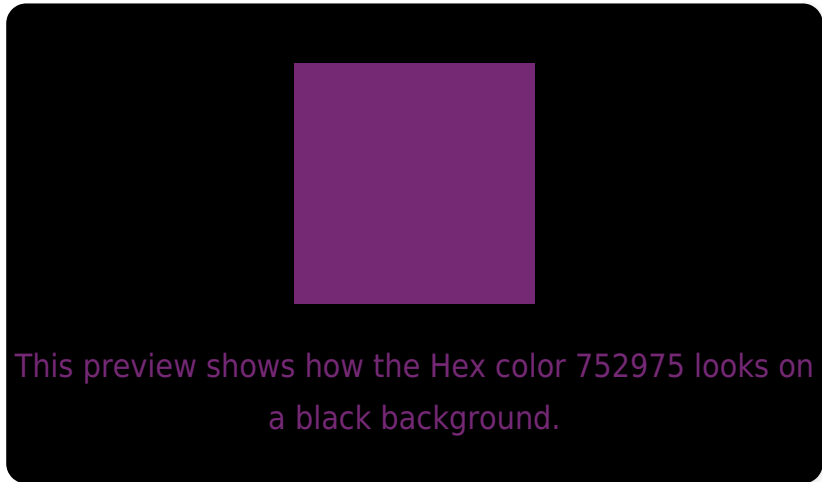
Large Text (above 18pt) WCAG AA ✓ Pass

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

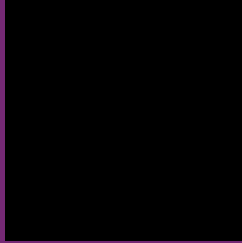
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 752975 Background



This preview shows how black text looks on a background with the Hex color 752975.

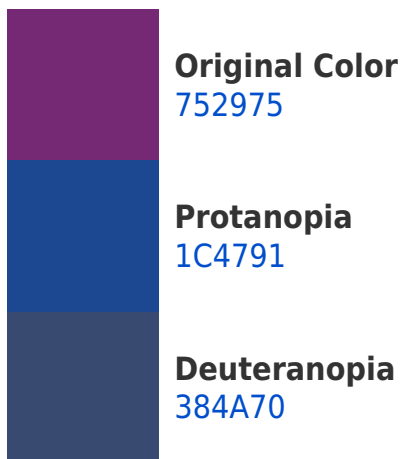


This preview shows how white text looks on a background with the Hex color 752975.

# 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**  
6F3A3E

# Trichromacy



**Original Color**

752975



**Protanomaly**

3C3C87



**Deuteranomaly**

4E3E72



**Tritanomaly**

713452

# Monochromacy



**Original Color**

752975



**Achromatopsia**

484848



**Achromatomaly**

583D58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 752975 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 #752975 looks like.

```
.text, #text, p{  
    color:#752975  
}
```

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 #752975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #752975
}
```

## Border

The CSS property to change the border of an element to Hex 752975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

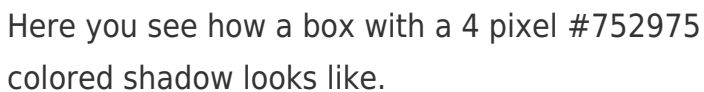
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#752975 }
```

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

```
.border{ border-color:#752975 }
```

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



Here you see how a box with a 4 pixel #752975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #752975; -webkit-box-shadow:4px 4px  
4px 4px #752975; box-shadow:4px 4px 4px  
4px #752975 }
```

# Background

The CSS property to change the background color of an element to Hex 752975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#752975 }
```

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

```
.background{ background-color:#752975 }
```

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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