

# Converting Colors

Hex(732959)

Have a look what the booklet for  
Hex(732959) contains.

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# Color

**Hex(732959)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	732959
RGB	115, 41, 89
RGB Percent	45%, 16%, 35%
CMY	0.5490, 0.8392, 0.6510
CMYK	0.00, 0.64, 0.23, 0.55
HSL	321°, 47%, 31%
HSV	321°, 64%, 45%
XYZ	9.6663, 5.9520, 10.0906
YIQ	68.5980, 28.6960, 30.6160

# Conversions

## Conversions Part 2

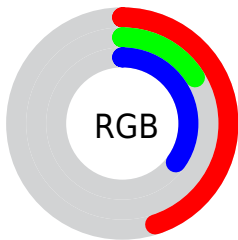
Format	Color
<a href="#">RYB</a>	<a href="#">115, 41, 89</a>
Decimal	<a href="#">7547225</a>
CIELab	<a href="#">29.29, 38.17, -12.42</a>
CIELCh	<a href="#">29, 40.137, 341.976</a>
Yxy	<a href="#">5.9520, 0.3760, 0.2315</a>
Android (android.graphics.Color)	<a href="#">4285737305 (0xFF732959)</a>
YUV	<a href="#">68.5980, 10.0582, 40.6946</a>
Hunter-Lab	<a href="#">24.3967, 28.0302, -7.4449</a>

# Details

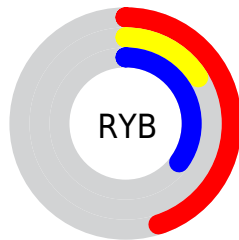
The Hex color **732959** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **297343**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A95B8B**, and **40002B** is the 20% darker color. If you saturate the color by 10%, you get **731E55**, and if you desaturate by 10%, it is **73355D**.

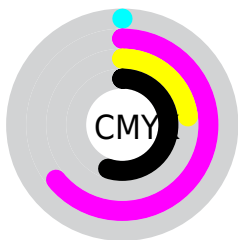
# Distribution



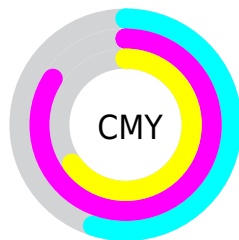
- Red (45%)
- Green (16%)
- Blue (35%)



- Red (45%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (64%)
- Yellow (23%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 732959 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 732959 by changing the saturation by 10% instead.



 732959

 732959

FFFFFF

 590E42

 A95B8B

 40002B

 C575A5

 2B0017

 E28FC1

 000000

 FFAADC

 FFC6F9

 FFE3FF

 732959

 732959

 731E55

 73355D

731251

734061

73074D

734C65

73004B

735769

73636D

736E71

737A75

738579

73917D

# Harmonies

## Analogous

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



563774



732959



7C253A

# Triad

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



732959



484700



00526E

# Complementary

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



732959



297343

# 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.



005351



732959



254E12

# Square

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



732959



633D03



005231



004E80

# Rectangle

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



732959



7A2B26



005231



005365



# Sweetspot

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



732959



967A8C



432973



4D3B46



CCCCCC



4D4D4D



# Same Dimension

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



732959



96236E



732934



3B3539



7A004F



FA00A2



# Inverse Universe

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



732959



96236E



297368



3B3539



7A004F

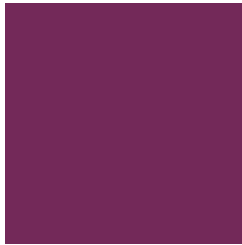


FA00A2



# Previews

## White Background



This preview shows how the Hex color 732959 looks on a white background.

## Color Contrast Check

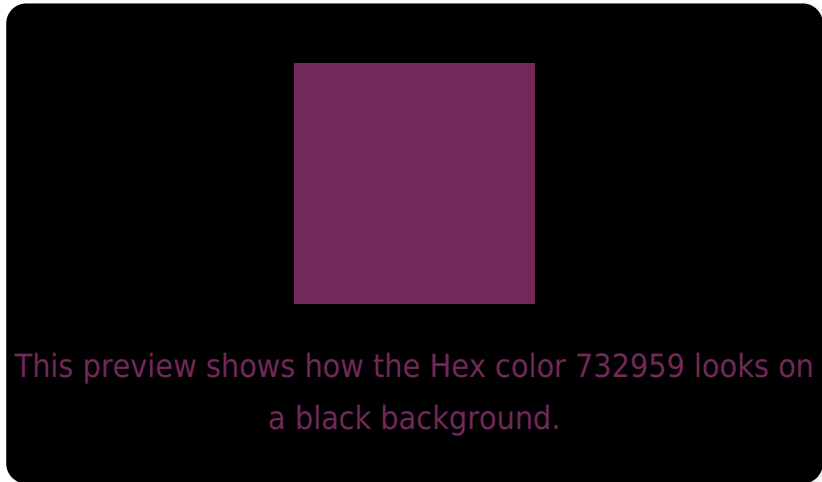
Large Text (above 18pt) WCAG AA ✓ Pass

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

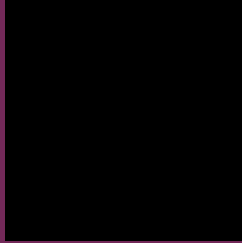
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 732959 Background



This preview shows how black text looks on a background with the Hex color 732959.




This preview shows how white text looks on a background with the Hex color 732959.

# 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**  
703236

# Trichromacy



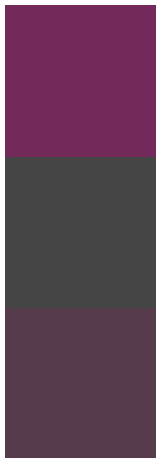
**Original Color**  
732959

**Protanomaly**  
4D3B66

**Deuteranomaly**  
563A56

**Tritanomaly**  
712F43

# Monochromacy



**Original Color**  
732959

**Achromatopsia**  
454545

**Achromatomaly**  
563B4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 732959 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 #732959 looks like.

```
.text, #text, p{  
    color:#732959  
}
```

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 #732959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #732959
}
```

## Border

The CSS property to change the border of an element to Hex 732959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

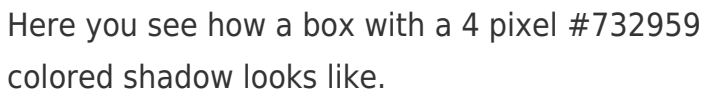
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#732959 }
```

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

```
.border{ border-color:#732959 }
```

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



Here you see how a box with a 4 pixel #732959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #732959; -webkit-box-shadow:4px 4px  
4px 4px #732959; box-shadow:4px 4px 4px  
4px #732959 }
```

# Background

The CSS property to change the background color of an element to Hex 732959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#732959 }
```

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

```
.background{ background-color:#732959 }
```

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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