

# Converting Colors

Hex(712559)

Have a look what the booklet for  
Hex(712559) contains.

<b>Hex(712559)</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(712559)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	712559
RGB	113, 37, 89
RGB Percent	44%, 15%, 35%
CMY	0.5569, 0.8549, 0.6510
CMYK	0.00, 0.67, 0.21, 0.56
HSL	319°, 51%, 29%
HSV	319°, 67%, 44%
XYZ	9.2748, 5.5551, 10.0346
YIQ	65.6520, 28.6040, 32.2840

# Conversions

## Conversions Part 2

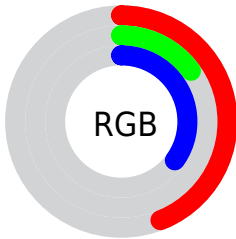
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 37, 89
Decimal	7415129
CIE <sub>Lab</sub>	28.26, 39.41, -14.03
CIE <sub>LCh</sub>	28, 41.834, 340.409
Yxy	5.5551, 0.3730, 0.2234
Android (android.graphics.Color)	4285605209 (0xFF712559)
YUV	65.6520, 11.5106, 41.5242
Hunter-Lab	23.5693, 28.9956, -8.7442

# Details

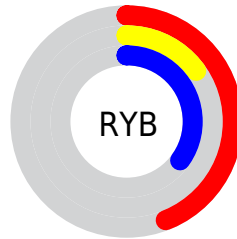
The Hex color **712559** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **25713D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A7588B**, and **3E002B** is the 20% darker color. If you saturate the color by 10%, you get **711A55**, and if you desaturate by 10%, it is **71305D**.

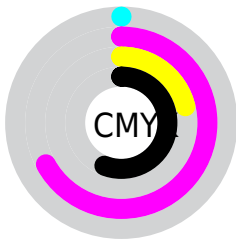
# Distribution



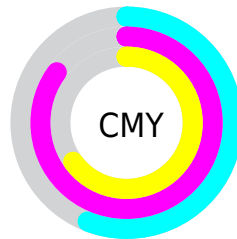
- Red (44%)
- Green (15%)
- Blue (35%)



- Red (44%)
- Yellow (15%)
- Blue (35%)



- Cyan (0%)
- Magenta (67%)
- Yellow (21%)
- Black (56%)




- Cyan (56%)
- Magenta (85%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 712559 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 712559 by changing the saturation by 10% instead.



 712559

 712559

FFFFFF

 570842

 A7588B

 3E002B

 C371A5

 280017

 E08CC1


 000000


 FDA7DD

 FFC3F9

 FFDFFF

 FFFCFF

 712559

 712559

■ 711A55

■ 71305D

■ 710E52

■ 713C60

■ 71034E

■ 714764

■ 71004D

■ 715267

■ 715E6B

■ 71696E

■ 717472

■ 717F76

■ 718B79

# Harmonies

## Analogous

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



523574



712559



7C2039

# Triad

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



712559



474500



00506C

# Complementary

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



712559



25713D

# 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.



00514D



712559



234C0A

# Square

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



712559



623900



00502C



004C7F

# Rectangle

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



712559



792624



00502C



005163



# Sweetspot

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



712559



94768B



3C2571



4A3844



C9C9C9



4A4A4A



# Same Dimension

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



712559



941C6E



712534



383236



780052



F700A9



# Inverse Universe

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



712559



941C6E



257162



383236



780052

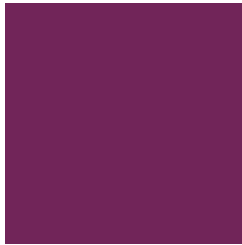


F700A9



# Previews

## White Background



This preview shows how the Hex color 712559 looks on a white background.

## Color Contrast Check

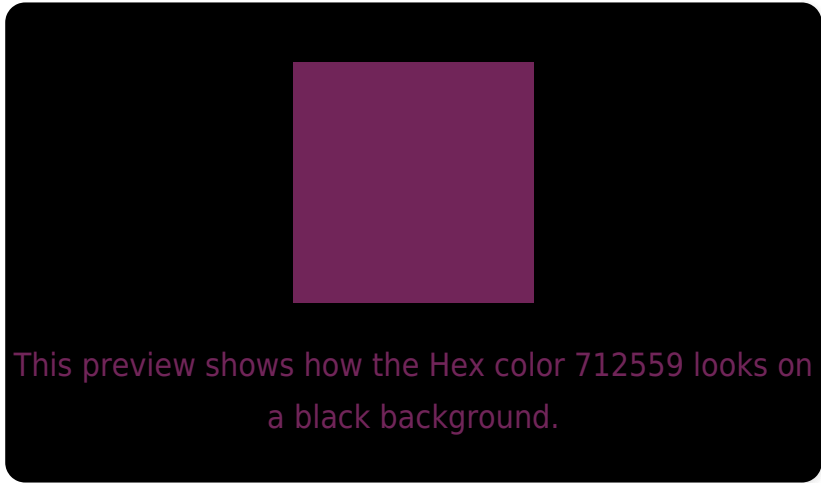
Large Text (above 18pt) WCAG AA ✓ Pass

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

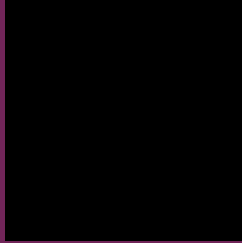
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 712559 Background



This preview shows how black text looks on a background with the Hex color 712559.



This preview shows how white text looks on a background with the Hex color 712559.

# 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



**Original Color**  
712559

**Protanopia**  
314270

**Deuteranopia**  
424255



**Tritanopia**  
6E3033

# Trichromacy



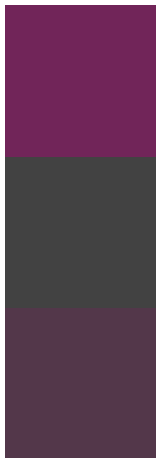
**Original Color**  
712559

**Protanomaly**  
483768

**Deuteranomaly**  
533756

**Tritanomaly**  
6F2C41

# Monochromacy



**Original Color**  
712559

**Achromatopsia**  
424242

**Achromatomaly**  
53374A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 712559 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 #712559 looks like.

```
.text, #text, p{  
    color:#712559  
}
```

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 #712559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712559
}
```

## Border

The CSS property to change the border of an element to Hex 712559 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
#712559 }
```

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

```
.border{ border-color:#712559 }
```

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

Here you see how a box with a 4 pixel #712559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712559; -webkit-box-shadow:4px 4px  
4px 4px #712559; box-shadow:4px 4px 4px  
4px #712559 }
```

# Background

The CSS property to change the background color of an element to Hex 712559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712559 }
```

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

```
.background{ background-color:#712559 }
```

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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