

# Converting Colors

Hex(702963)

Have a look what the booklet for  
Hex(702963) contains.

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**Color**

**Hex(702963)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	702963
RGB	112, 41, 99
RGB Percent	44%, 16%, 39%
CMY	0.5608, 0.8392, 0.6118
CMYK	0.00, 0.63, 0.12, 0.56
HSL	311°, 46%, 30%
HSV	311°, 63%, 44%
XYZ	9.7272, 5.9315, 12.4366
YIQ	68.8410, 23.6980, 33.0900

# Conversions

## Conversions Part 2

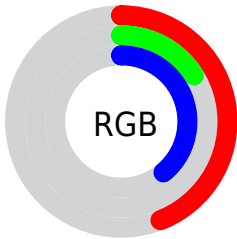
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 41, 99
Decimal	7350627
CIE Lab	29.24, 38.88, -19.04
CIE LCh	29, 43.293, 333.909
Yxy	5.9315, 0.3462, 0.2111
Android (android.graphics.Color)	4285540707 (0xFF702963)
YUV	68.8410, 14.8684, 37.8504
Hunter-Lab	24.3546, 28.6718, -13.2280

# Details

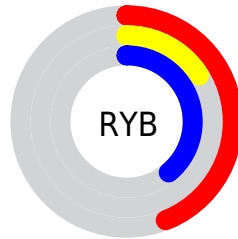
The Hex color **702963** is a dark color, and the websafe version is hex **663366**, and the color name is **byzantium**. A complement of this color would be **297036**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A65B96**, and **3D0034** is the 20% darker color. If you saturate the color by 10%, you get **701E61**, and if you desaturate by 10%, it is **703465**.

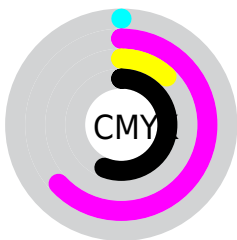
# Distribution



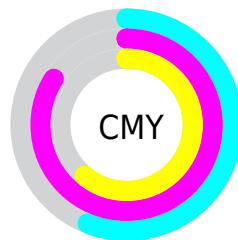
- Red (44%)
- Green (16%)
- Blue (39%)



- Red (44%)
- Yellow (16%)
- Blue (39%)



- Cyan (0%)
- Magenta (63%)
- Yellow (12%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702963 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 702963 by changing the saturation by 10% instead.



 702963

 702963

FFFFFF

 560E4B


 A65B96

 3D0034

 C275B1

 29001F

 DE8FCC

 000001

 FBAAE8

 000000

 FFC6FF

 FFE3FF

 702963

 702963

 701E61

 703465

70135F

703F67

70075D

704B69

70005B

70566B

70616D

706C6F

707771

708373

708E75

# Harmonies

## Analogous

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



4A3A7D



702963



7F2042

# Triad

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



702963



504500



00546A

# Complementary

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



702963



297036

# 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.



005448



702963



2D4D02

# Square

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



702963



6B3802



005226



005081

# Rectangle

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



702963



7F242C



005226



00545F



# Sweetspot

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



702963



91768C



352970



4A3947



C9C9C9



4A4A4A



# Same Dimension

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



702963



91237D



702941



383237



780062



F700CA



# Inverse Universe

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



702963



91237D



297058



383237



780062

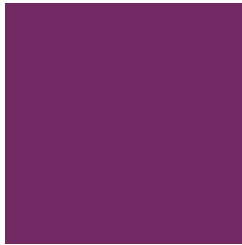


F700CA



# Previews

## White Background



This preview shows how the Hex color 702963 looks on a white background.

## Color Contrast Check

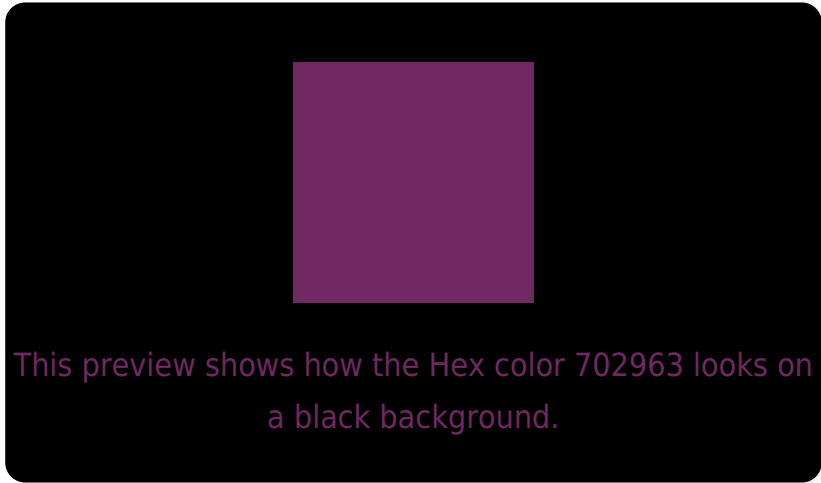
Large Text (above 18pt) WCAG AA ✓ Pass

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

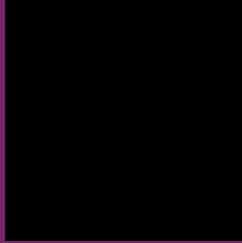
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 702963 Background



This preview shows how black text looks on a background with the Hex color 702963.




This preview shows how white text looks on a background with the Hex color 702963.

# 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**  
6C3538

# Trichromacy



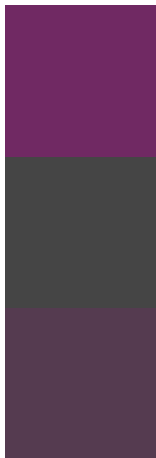
**Original Color**  
702963

**Protanomaly**  
463A72

**Deuteranomaly**  
513B60

**Tritanomaly**  
6D3148

# Monochromacy



**Original Color**  
702963

**Achromatopsia**  
454545

**Achromatomaly**  
553B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702963 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 #702963 looks like.

```
.text, #text, p{  
    color:#702963  
}
```

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 #702963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702963
}
```

## Border

The CSS property to change the border of an element to Hex 702963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

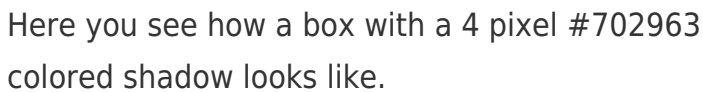
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#702963 }
```

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

```
.border{ border-color:#702963 }
```

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



Here you see how a box with a 4 pixel #702963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702963; -webkit-box-shadow:4px 4px  
4px 4px #702963; box-shadow:4px 4px 4px  
4px #702963 }
```

# Background

The CSS property to change the background color of an element to Hex 702963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702963 }
```

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

```
.background{ background-color:#702963 }
```

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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