

# Converting Colors

Hex(702B92)

Have a look what the booklet for  
Hex(702B92) contains.

<b>Hex(702B92)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(702B92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	702B92
RGB	112, 43, 146
RGB Percent	44%, 17%, 57%
CMY	0.5608, 0.8314, 0.4275
CMYK	0.23, 0.71, 0.00, 0.43
HSL	280°, 54%, 37%
HSV	280°, 71%, 57%
XYZ	12.7343, 7.2478, 27.9219
YIQ	75.3730, 8.0610, 46.6610

# Conversions

## Conversions Part 2

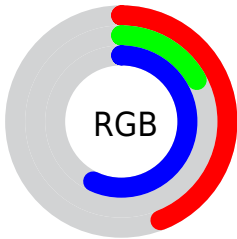
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 43, 146
Decimal	7351186
CIE <sub>Lab</sub>	32.36, 47.38, -43.68
CIE <sub>LCh</sub>	32, 64.441, 317.328
Yxy	7.2478, 0.2658, 0.1513
Android (android.graphics.Color)	4285541266 (0xFF702B92)
YUV	75.3730, 34.8191, 32.1219
Hunter-Lab	26.9218, 37.3192, -42.6474

# Details

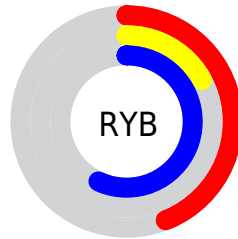
The Hex color **702B92** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4D922B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A75EC9**, and **3B005F** is the 20% darker color. If you saturate the color by 10%, you get **6B1C92**, and if you desaturate by 10%, it is **753A92**.

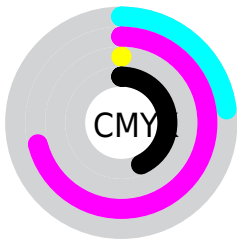
# Distribution



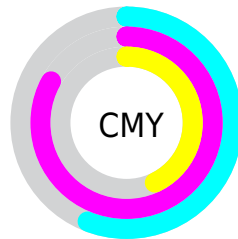
- Red (44%)
- Green (17%)
- Blue (57%)



- Red (44%)
- Yellow (17%)
- Blue (57%)



- Cyan (23%)
- Magenta (71%)
- Yellow (0%)
- Black (43%)



- Cyan (56%)
- Magenta (83%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702B92 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 702B92 by changing the saturation by 10% instead.



 702B92

 702B92

FFFFFF

 550E78

 A75EC9

 3B005F

 C379E5

 230046

 E093FF

 00002F

 FDAFFF

 000119

 FFCBFF

 000000

 FFE7FF

 702B92

 702B92

 6B1C92

 753A92

660E92

7A4892

620092

7E5792

836592

887492

8D8392

929192

97A092

9BAE92

# Harmonies

## Analogous

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



0049AF



702B92



990064

# Triad

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



702B92



6F4200



006169

# Complementary

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



702B92



4D922B

# 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.



005F34



702B92



435300

# Square

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



702B92



902500



005B00



005F97

# Rectangle

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



702B92



A10042



005B00



006058



# Sweetspot

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



702B92



B095BD



2B4D92



57475E



DEDEDE



5E5E5E



# Same Dimension

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



702B92



881CBD



922B81



48434A



5C008A



07000A



# Inverse Universe

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



922B4D



BD1C51



2B923C



4A4345



8A002D



0A0003



# Previews

## White Background



This preview shows how the Hex color 702B92 looks on a white background.

## Color Contrast Check

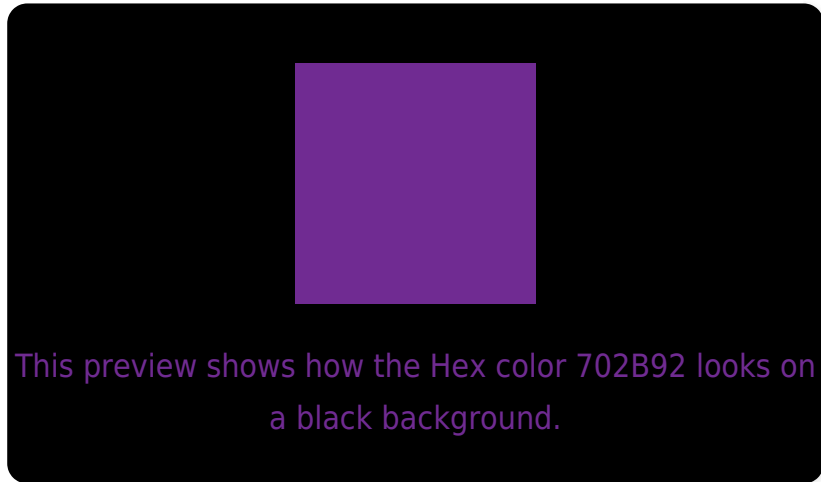
Large Text (above 18pt) WCAG AA ✓ Pass

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

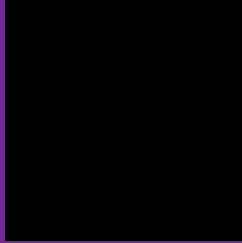
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 702B92 Background



This preview shows how black text looks on a background with the Hex color 702B92.

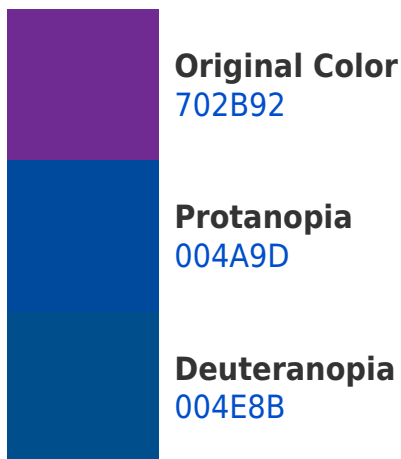



This preview shows how white text looks on a background with the Hex color 702B92.

# 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](#).

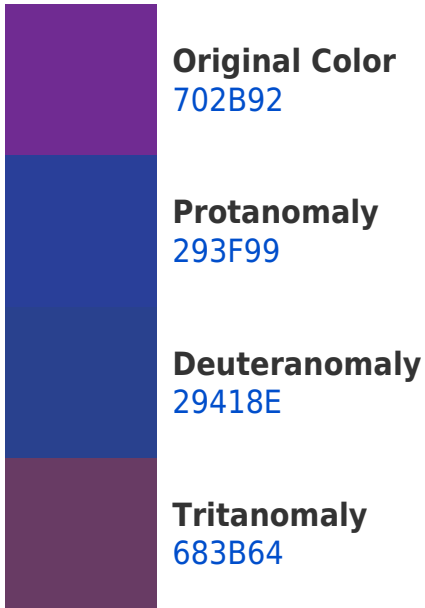
## Dichromacy



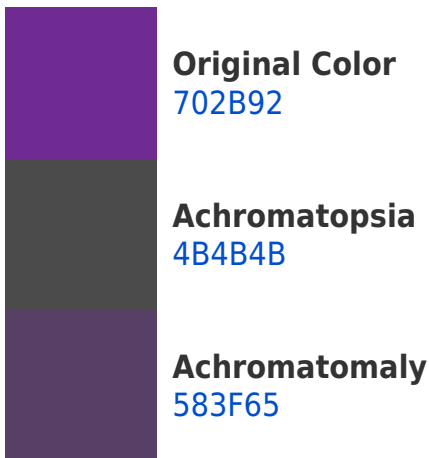


**Tritanopia**  
644449

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702B92 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 #702B92 looks like.

```
.text, #text, p{  
    color:#702B92  
}
```

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 #702B92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702B92
}
```

## Border

The CSS property to change the border of an element to Hex 702B92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

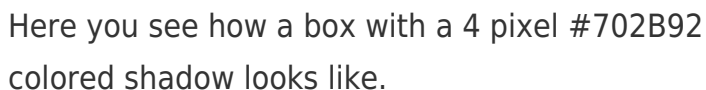
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#702B92 }
```

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

```
.border{ border-color:#702B92 }
```

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



Here you see how a box with a 4 pixel #702B92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702B92; -webkit-box-shadow:4px 4px  
4px 4px #702B92; box-shadow:4px 4px 4px  
4px #702B92 }
```

# Background

The CSS property to change the background color of an element to Hex 702B92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702B92 }
```

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

```
.background{ background-color:#702B92 }
```

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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