

Converting Colors

Hex(7B2993)

Have a look what the booklet for
Hex(7B2993) contains.

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Color

Hex(7B2993)

Conversions

Conversions Part 1

Format	Color
Hex	7B2993
RGB	123, 41, 147
RGB Percent	48%, 16%, 58%
CMY	0.5176, 0.8392, 0.4235
CMYK	0.16, 0.72, 0.00, 0.42
HSL	286°, 56%, 37%
HSV	286°, 72%, 58%
XYZ	14.2278, 7.9034, 28.3794
YIQ	77.6020, 14.8460, 50.3500

Conversions

Conversions Part 2

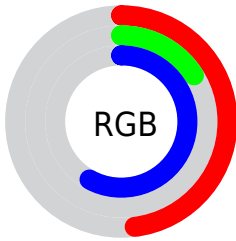
Format	Color
RYB	123, 41, 147
Decimal	8071571
CIELab	33.78, 50.91, -41.93
CIELCh	34, 65.951, 320.528
Yxy	7.9034, 0.2817, 0.1565
Android (android.graphics.Color)	4286261651 (0xFF7B2993)
YUV	77.6020, 34.2132, 39.8140
Hunter-Lab	28.1130, 41.1397, -40.1727

Details

The Hex color **7B2993** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **419329**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B25ECA**, and **460060** is the 20% darker color. If you saturate the color by 10%, you get **781A93**, and if you desaturate by 10%, it is **7E3893**.

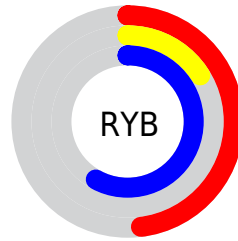
Distribution



Red (48%)

Green (16%)

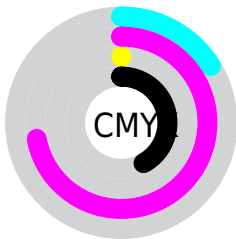
Blue (58%)



Red (48%)

Yellow (16%)

Blue (58%)

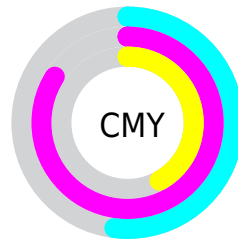


Cyan (16%)

Magenta (72%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (84%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B2993 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 7B2993 by changing the saturation by 10% instead.

 7B2993

 7B2993

FFFFFF

 600779

 B25ECA

 460060

 CF79E6

 2D0047

 EC94FF

 100030

 FFAFFF

 00011A

 FFCBFF

 000000

 FFE8FF

 7B2993

 7B2993

 781A93

 7E3893

740C93

824693

720093

855593

886493

8C7293

8F8193

929093

969F93

99AD93

Harmonies

Analogous

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



0049B3



7B2993



A10062

Triad

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



7B2993



704700



006573

Complementary

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



7B2993



419329

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.



00633D



7B2993



405800

Square

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



7B2993



932B00



006000



0063A0

Rectangle

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



7B2993



A70040



006000



006561

Sweetspot

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



7B2993



B695BF



294293



5B4861



E0E0E0



616161

Same Dimension

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



7B2993



9A19BF



932977



48434A



6B008A



08000A

Inverse Universe

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



932941



BF193F



299345



4A4344



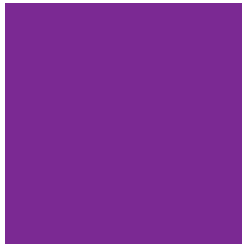
8A001F



0A0002

Previews

White Background



This preview shows how the Hex color 7B2993 looks on a white background.

Color Contrast Check

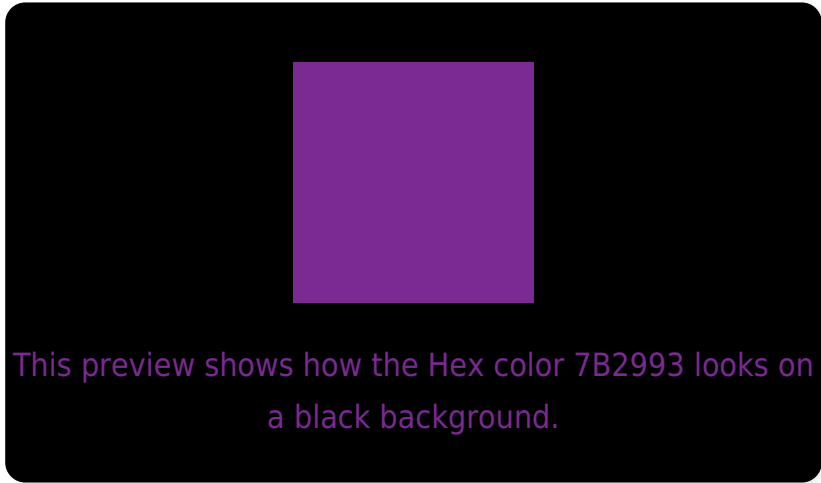
Large Text (above 18pt) WCAG AA ✓ Pass

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

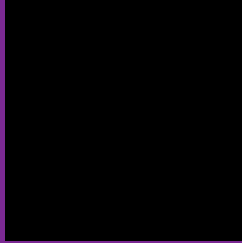
Any Text WCAG AA × Fail

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 7B2993 Background



This preview shows how black text looks on a background with the Hex color 7B2993.

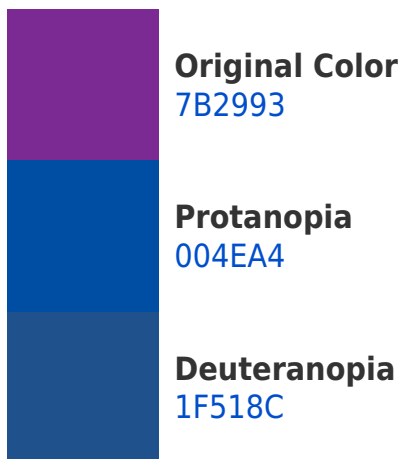



This preview shows how white text looks on a background with the Hex color 7B2993.

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
704348

Trichromacy



Original Color

7B2993



Protanomaly

2D419E



Deuteranomaly

40428F



Tritanomaly

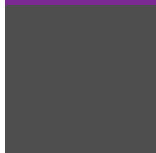
743A63

Monochromacy



Original Color

7B2993



Achromatopsia

4E4E4E



Achromatomaly

5E4167

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B2993 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 #7B2993 looks like.

```
.text, #text, p{  
    color:#7B2993  
}
```

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 #7B2993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2993
}
```

Border

The CSS property to change the border of an element to Hex 7B2993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

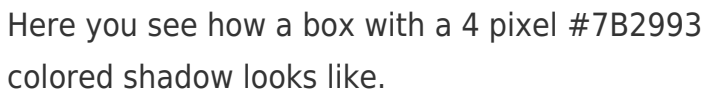
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2993 }
```

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

```
.border{ border-color:#7B2993 }
```

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



Here you see how a box with a 4 pixel #7B2993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2993; -webkit-box-shadow:4px 4px  
4px 4px #7B2993; box-shadow:4px 4px 4px  
4px #7B2993 }
```

Background

The CSS property to change the background color of an element to Hex 7B2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2993 }
```

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

```
.background{ background-color:#7B2993 }
```

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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