

Converting Colors

Hex(7B2BB1)

Have a look what the booklet for
Hex(7B2BB1) contains.

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Color

Hex(7B2BB1)

Conversions

Conversions Part 1

Format	Color
Hex	7B2BB1
RGB	123, 43, 177
RGB Percent	48%, 17%, 69%
CMY	0.5176, 0.8314, 0.3059
CMYK	0.31, 0.76, 0.00, 0.31
HSL	276°, 61%, 43%
HSV	276°, 76%, 69%
XYZ	16.9681, 9.1130, 42.4596
YIQ	82.1960, 4.6660, 58.6340

Conversions

Conversions Part 2

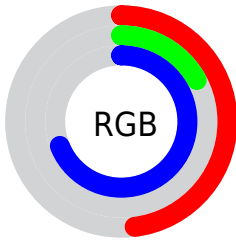
Format	Color
R_{YB}	123, 43, 177
Decimal	8072113
CIE _{Lab}	36.20, 56.53, -56.12
CIE _{LCh}	36, 79.655, 315.212
Yxy	9.1130, 0.2476, 0.1330
Android (android.graphics.Color)	4286262193 (0xFF7B2BB1)
YUV	82.1960, 46.7384, 35.7851
Hunter-Lab	30.1878, 47.5033, -62.2609

Details

The Hex color **7B2BB1** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **61B12B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B461EA**, and **43007B** is the 20% darker color. If you saturate the color by 10%, you get **7419B1**, and if you desaturate by 10%, it is **823DB1**.

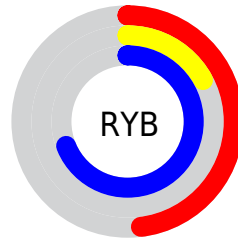
Distribution



Red (48%)

Green (17%)

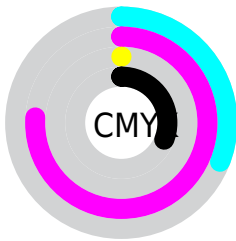
Blue (69%)



Red (48%)

Yellow (17%)

Blue (69%)

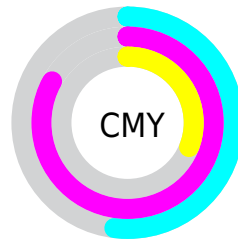


Cyan (31%)

Magenta (76%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (83%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B2BB1 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 7B2BB1 by changing the saturation by 10% instead.

7B2BB1

7B2BB1

FFFFFF

5F0896

B461EA

43007B

D17CFF

260062

EE97FF

030049

FFB3FF

000431

FFCFFF

00011B

FFECFF

000000

7B2BB1

7B2BB1

7419B1

823DB1

6D08B1

894EB1

6A00B1

9060B1

9872B1

9F84B1

A695B1

ADA7B1

B4B9B1

BBCAB1

Harmonies

Analogous

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



0054D4



7B2BB1



B20078

Triad

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



7B2BB1



824700



006E75

Complementary

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



7B2BB1



61B12B

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.



006C32



7B2BB1



4B5D00

Square

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



7B2BB1



AB1500



006700



006DB0

Rectangle

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



7B2BB1



BE004D



006700



006D5F

Sweetspot

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



7B2BB1



D0B1E6



2B63B1



665373



F2F2F2



737373

Same Dimension

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



7B2BB1



9115E6



B12BA6



565059



5B0099



0F001A

Inverse Universe

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



B12B61



E61569



2BB136



595054



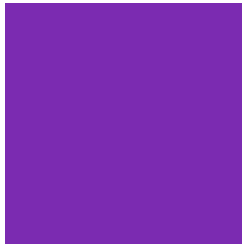
99003E



1A000A

Previews

White Background



This preview shows how the Hex color 7B2BB1 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

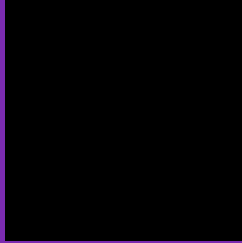
Any Text WCAG AA × Fail

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 7B2BB1 Background



This preview shows how black text looks on a background with the Hex color 7B2BB1.

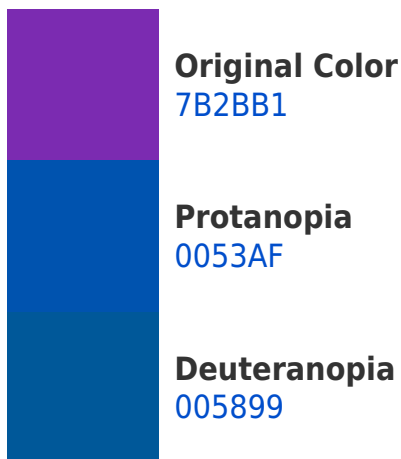


This preview shows how white text looks on a background with the Hex color 7B2BB1.

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](#).

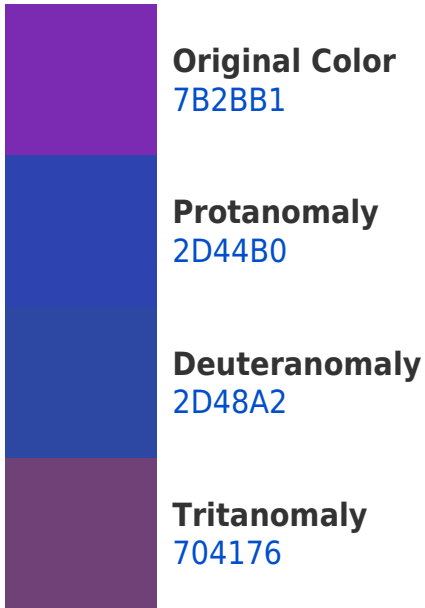
Dichromacy



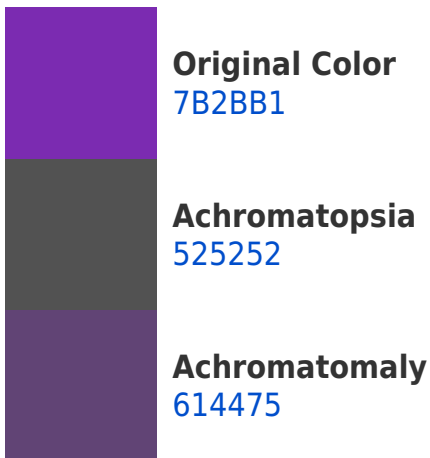


Tritanopia
6A4E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B2BB1 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 #7B2BB1 looks like.

```
.text, #text, p{  
    color:#7B2BB1  
}
```

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 #7B2BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2BB1 }  
}
```

Border

The CSS property to change the border of an element to Hex 7B2BB1 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 #7B2BB1 }  
}
```

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

```
.border{ border-color:#7B2BB1 }
```

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

Here you see how a box with a 4 pixel #7B2BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2BB1; -webkit-box-shadow:4px 4px  
4px 4px #7B2BB1; box-shadow:4px 4px 4px  
4px #7B2BB1 }
```

Background

The CSS property to change the background color of an element to Hex 7B2BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2BB1 }
```

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

```
.background{ background-color:#7B2BB1 }
```

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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