

# Converting Colors

Hex(7B2A5B)

Have a look what the booklet for  
Hex(7B2A5B) contains.

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# Color

**Hex(7B2A5B)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 7B2A5B                    |
| RGB         | 123, 42, 91               |
| RGB Percent | 48%, 16%, 36%             |
| CMY         | 0.5176, 0.8353, 0.6431    |
| CMYK        | 0.00, 0.66, 0.26, 0.52    |
| HSL         | 324°, 49%, 32%            |
| HSV         | 324°, 66%, 48%            |
| XYZ         | 10.8847, 6.6222, 10.6021  |
| YIQ         | 71.8050, 32.5470, 32.4110 |

# Conversions

## Conversions Part 2

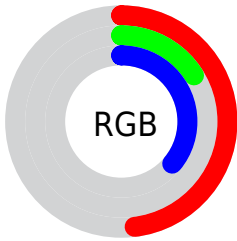
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 123, 42, 91                  |
| Decimal                             | 8071771                      |
| CIE <sub>Lab</sub>                  | 30.93, 40.52, -11.10         |
| CIE <sub>LCh</sub>                  | 31, 42.011, 344.686          |
| Yxy                                 | 6.6222, 0.3872,<br>0.2356    |
| Android<br>(android.graphics.Color) | 4286261851<br>(0xFF7B2A5B)   |
| YUV                                 | 71.8050, 9.4631,<br>44.8980  |
| Hunter-Lab                          | 25.7337, 30.4670,<br>-6.4134 |

# Details

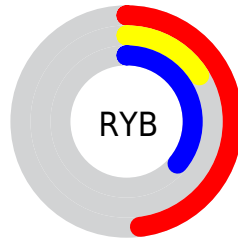
The Hex color **7B2A5B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2A7B4A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B25D8D**, and **47002D** is the 20% darker color. If you saturate the color by 10%, you get **7B1E56**, and if you desaturate by 10%, it is **7B3660**.

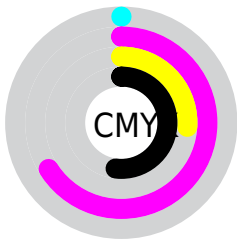
# Distribution



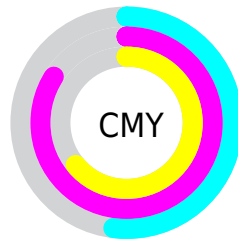
- Red (48%)
- Green (16%)
- Blue (36%)



- Red (48%)
- Yellow (16%)
- Blue (36%)



- Cyan (0%)
- Magenta (66%)
- Yellow (26%)
- Black (52%)



- Cyan (52%)
- Magenta (84%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B2A5B 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 7B2A5B by changing the saturation by 10% instead.



 7B2A5B

 7B2A5B

FFFFFF

 610E43

 B25D8D

 47002D

 CE77A8

 300019

 EB92C3

 040000

 FFADDF

 000000

 FFC9FB

 FFE5FF

 7B2A5B

 7B2A5B

 7B1E56

 7B3660

 7B1151

 7B4365

 7B054C

 7B4F6A

 7B004A

 7B5B6E

 7B6873

 7B7478

 7B807D

 7B8C82

 7B9987

# Harmonies

## Analogous

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



5E3878



7B2A5B



83273A

# Triad

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



7B2A5B



494C00



005676

# Complementary

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



7B2A5B



2A7B4A

# 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.



005858



7B2A5B



225316

# Square

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



7B2A5B



664100



005736



005188

# Rectangle

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



7B2A5B



7F2E25



005736



00576D



# Sweetspot

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



7B2A5B



A18194



492A7B



523E4A



D1D1D1



525252



# Same Dimension

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



7B2A5B



A1226F



7B2A33



3D373B



7D004C



FC0099



# Inverse Universe

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



7B2A5B



A1226F



2A7B72



3D373B



7D004C

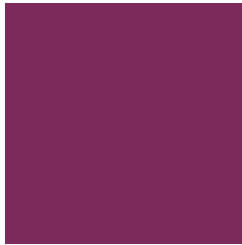


FC0099



# Previews

## White Background



This preview shows how the Hex color 7B2A5B looks on a white background.

## Color Contrast Check

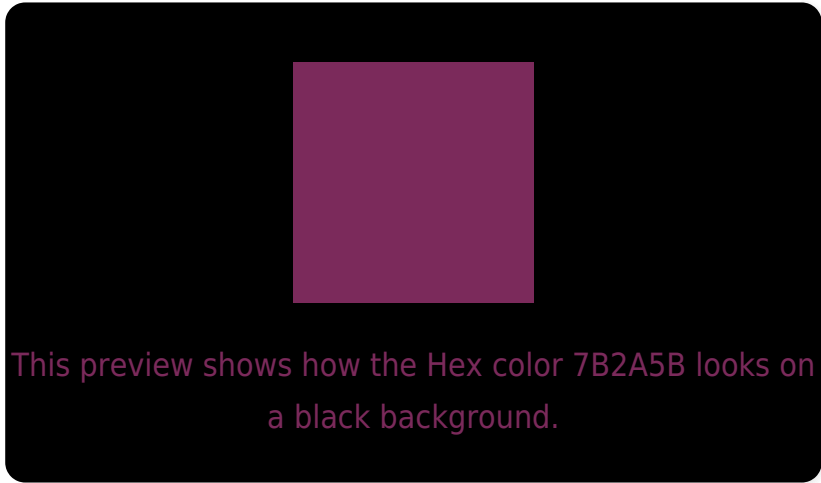
Large Text (above 18pt) WCAG AA ✓ Pass

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

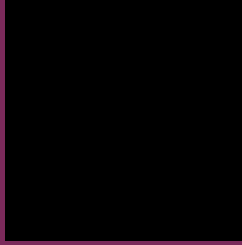
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B2A5B Background



This preview shows how black text looks on a background with the Hex color 7B2A5B.

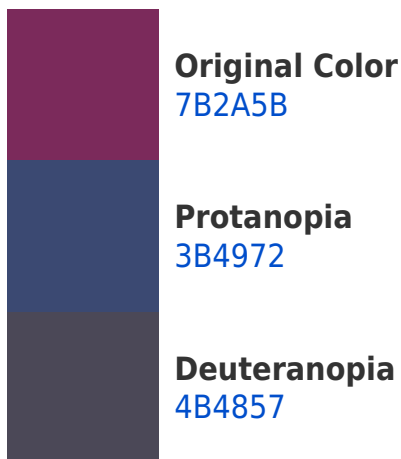



This preview shows how white text looks on a background with the Hex color 7B2A5B.

# 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**  
783337

# Trichromacy



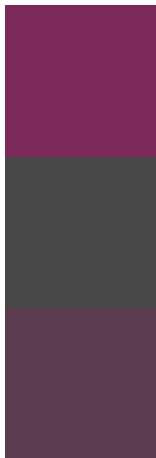
**Original Color**  
7B2A5B

**Protanomaly**  
523E6A

**Deuteranomaly**  
5C3D58

**Tritanomaly**  
793044

# Monochromacy



**Original Color**  
7B2A5B

**Achromatopsia**  
484848

**Achromatomaly**  
5B3D4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B2A5B 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 #7B2A5B looks like.

```
.text, #text, p{  
    color:#7B2A5B  
}
```

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 #7B2A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2A5B
}
```

## Border

The CSS property to change the border of an element to Hex 7B2A5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

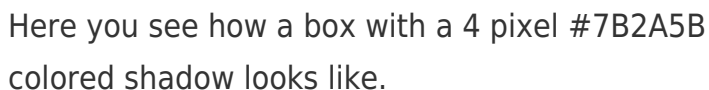
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2A5B }
```

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

```
.border{ border-color:#7B2A5B }
```

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



Here you see how a box with a 4 pixel `#7B2A5B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2A5B; -webkit-box-shadow:4px 4px  
4px 4px #7B2A5B; box-shadow:4px 4px 4px  
4px #7B2A5B }
```

# Background

The CSS property to change the background color of an element to Hex 7B2A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2A5B }
```

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

```
.background{ background-color:#7B2A5B }
```

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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