

# Converting Colors

Hex(7B2C3D)

Have a look what the booklet for  
Hex(7B2C3D) contains.

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**Color**

**Hex(7B2C3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B2C3D
RGB	123, 44, 61
RGB Percent	48%, 17%, 24%
CMY	0.5176, 0.8275, 0.7608
CMYK	0.00, 0.64, 0.50, 0.52
HSL	347°, 47%, 33%
HSV	347°, 64%, 48%
XYZ	9.9114, 6.3492, 5.1180
YIQ	69.5590, 41.6270, 22.0350

# Conversions

## Conversions Part 2

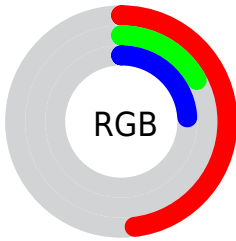
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 44, 61</a>
Decimal	<a href="#">8072253</a>
CIELab	<a href="#">30.28, 35.87, 7.61</a>
CIElCh	<a href="#">30, 36.671, 11.975</a>
Yxy	<a href="#">6.3492, 0.4636, 0.2970</a>
Android (android.graphics.Color)	<a href="#">4286262333 (0xFF7B2C3D)</a>
YUV	<a href="#">69.5590, -4.2196, 46.8678</a>
Hunter-Lab	<a href="#">25.1977, 26.1159, 5.5957</a>

# Details

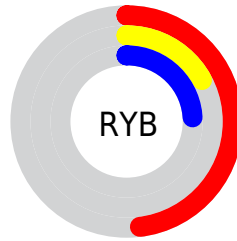
The Hex color **7B2C3D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C7B6A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B35E6C**, and **450013** is the 20% darker color. If you saturate the color by 10%, you get **7B2033**, and if you desaturate by 10%, it is **7B3847**.

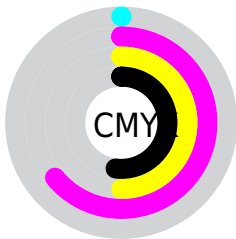
# Distribution



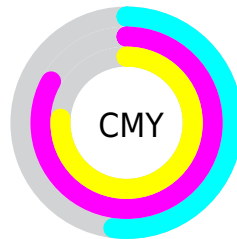
- Red (48%)
- Green (17%)
- Blue (24%)



- Red (48%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (50%)
- Black (52%)



- Cyan (52%)
- Magenta (83%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B2C3D 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 7B2C3D by changing the saturation by 10% instead.



 7B2C3D

 7B2C3D

FFFFFF

 601227

 B35E6C

 450013

 D07885

 2F0001

 ED92A0

 000000

 FFADBA

 FFC9D6

 FFE6F3

 7B2C3D

 7B2C3D

 7B2033

 7B3847

 7B132A

 7B4550

 7B0720

 7B515A

 7B001A

 7B5D64

 7B6A6D

 7B7677

 7B8281

 7B8E8A

 7B9B94

# Harmonies

## Analogous

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



722F5A



7B2C3D



753422

# Triad

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



7B2C3D



2B501A



004F7D

# Complementary

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



7B2C3D



2C7B6A

# 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.



00546D



7B2C3D



005435

# Square

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



7B2C3D



4B4907



005552



22477F

# Rectangle

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



7B2C3D



6B3C13



005552



005179



# Sweetspot

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



7B2C3D



A18289



6A2C7B



523F43



D1D1D1



525252



# Same Dimension

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



7B2C3D



A12540



7B422C



3D3738



7D001B



FC0036



# Inverse Universe

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



7B2C3D



A12540



2C657B



3D3738



7D001B

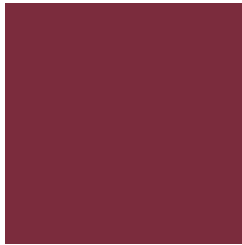


FC0036



# Previews

## White Background



This preview shows how the Hex color 7B2C3D looks on a white background.

## Color Contrast Check

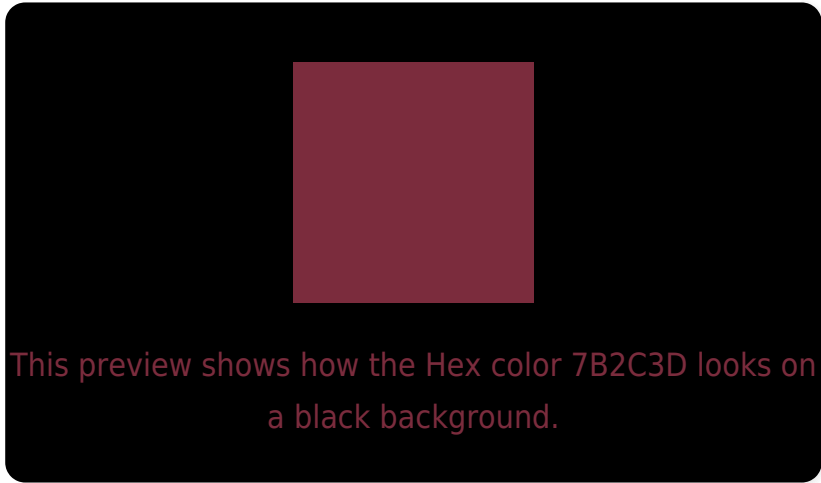
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B2C3D Background



This preview shows how black text looks on a background with the Hex color 7B2C3D.



This preview shows how white text looks on a background with the Hex color 7B2C3D.

# 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



**Original Color**  
7B2C3D

**Protanopia**  
49484C

**Deuteranopia**  
544539



**Tritanopia**  
7A2E31

# Trichromacy



**Original Color**  
7B2C3D

**Protanomaly**  
5B3E47

**Deuteranomaly**  
623C3A

**Tritanomaly**  
7A2D35

# Monochromacy



**Original Color**  
7B2C3D

**Achromatopsia**  
464646

**Achromatomaly**  
593D43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B2C3D 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 #7B2C3D looks like.

```
.text, #text, p{  
    color:#7B2C3D  
}
```

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 #7B2C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2C3D
}
```

## Border

The CSS property to change the border of an element to Hex 7B2C3D 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".

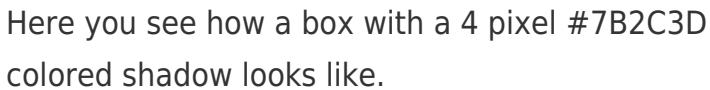
```
.border, #border, table{ border:4px solid
#7B2C3D }
```

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

```
.border{ border-color:#7B2C3D }
```

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

Here you see how a box with a 4 pixel #7B2C3D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2C3D; -webkit-box-shadow:4px 4px  
4px 4px #7B2C3D; box-shadow:4px 4px 4px  
4px #7B2C3D }
```

# Background

The CSS property to change the background color of an element to Hex 7B2C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2C3D }
```

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

```
.background{ background-color:#7B2C3D }
```

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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