

# Converting Colors

Hex(7B2850)

Have a look what the booklet for  
Hex(7B2850) contains.

<b>Hex(7B2850)</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(7B2850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B2850
RGB	123, 40, 80
RGB Percent	48%, 16%, 31%
CMY	0.5176, 0.8431, 0.6863
CMYK	0.00, 0.67, 0.35, 0.52
HSL	331°, 51%, 32%
HSV	331°, 67%, 48%
XYZ	10.3751, 6.3077, 8.2601
YIQ	69.3770, 36.6280, 30.0360

# Conversions

## Conversions Part 2

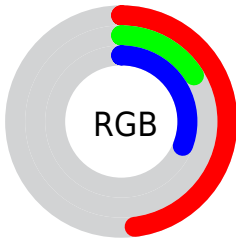
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 40, 80
Decimal	8071248
CIE Lab	30.18, 39.92, -5.05
CIE LCh	30, 40.242, 352.789
Yxy	6.3077, 0.4160, 0.2529
Android (android.graphics.Color)	4286261328 (0xFF7B2850)
YUV	69.3770, 5.2371, 47.0274
Hunter-Lab	25.1152, 29.7872, -1.9192

# Details

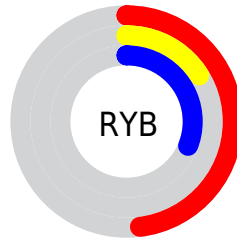
The Hex color **7B2850** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **287B53**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B25B81**, and **460024** is the 20% darker color. If you saturate the color by 10%, you get **7B1C4A**, and if you desaturate by 10%, it is **7B3456**.

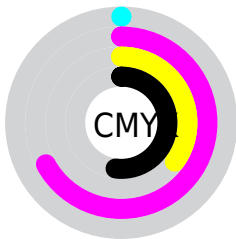
# Distribution



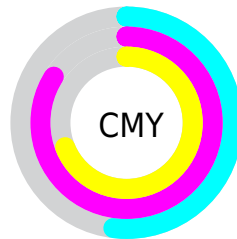
- Red (48%)
- Green (16%)
- Blue (31%)



- Red (48%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (67%)
- Yellow (35%)
- Black (52%)



- Cyan (52%)
- Magenta (84%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B2850 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 7B2850 by changing the saturation by 10% instead.



 7B2850

 7B2850

FFFFFF

 600B39

 B25B81

 460024

 CF759B

 31000E

 EC8FB6

 000000

 FFABD2

 FFC7EE

 FFE3FF

 7B2850

 7B2850

 7B1C4A

 7B3456

 7B0F43

 7B415D

 7B033D

 7B4D63

 7B003B

 7B5969

 7B6670

 7B7276

 7B7E7D

 7B8A83

 7B9789

# Harmonies

## Analogous

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



65346D



7B2850



7E2A31

# Triad

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



7B2850



3F4D03



005379

# Complementary

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



7B2850



287B53

# 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.



00555E



7B2850



13521F

# Square

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



7B2850



5D4300



00553E



004D85

# Rectangle

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



7B2850



78311E



00553E



005471



# Sweetspot

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



7B2850



A18190



53287B



523E47



D1D1D1



525252



# Same Dimension

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



7B2850



A11F5D



7B2928



3D373A



7D003C



FC007A



# Inverse Universe

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



7B2850



A11F5D



287A7B



3D373A



7D003C

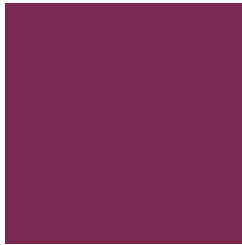


FC007A



# Previews

## White Background



This preview shows how the Hex color 7B2850 looks on a white background.

## Color Contrast Check

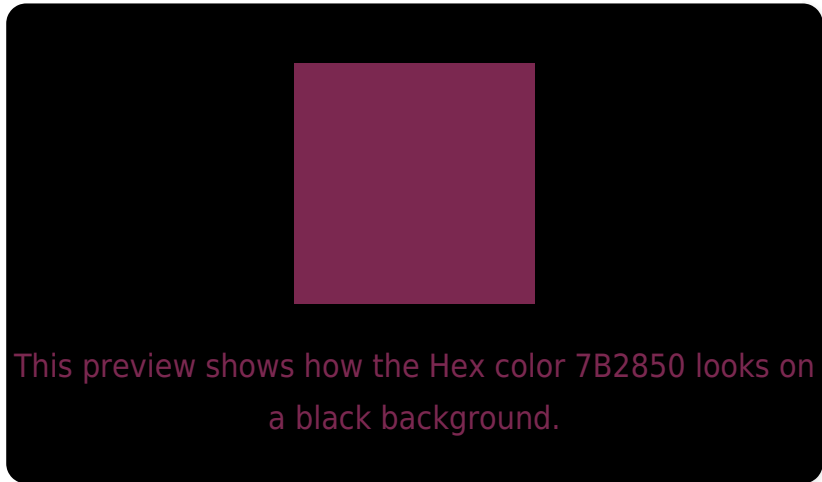
Large Text (above 18pt) WCAG AA ✓ Pass

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

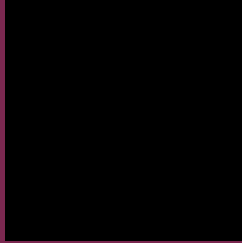
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B2850 Background



This preview shows how black text looks on a background with the Hex color 7B2850.



This preview shows how white text looks on a background with the Hex color 7B2850.

# 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**  
7B2850

**Protanopia**  
3F4765

**Deuteranopia**  
4D464C



**Tritanopia**  
792F32

# Trichromacy



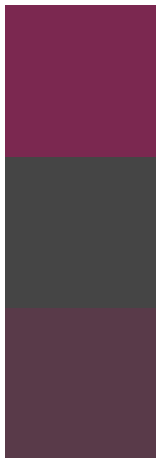
**Original Color**  
7B2850

**Protanomaly**  
553C5D

**Deuteranomaly**  
5E3B4D

**Tritanomaly**  
7A2C3D

# Monochromacy



**Original Color**  
7B2850

**Achromatopsia**  
454545

**Achromatomaly**  
593A49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B2850 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 #7B2850 looks like.

```
.text, #text, p{  
    color:#7B2850  
}
```

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 #7B2850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2850
}
```

## Border

The CSS property to change the border of an element to Hex 7B2850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

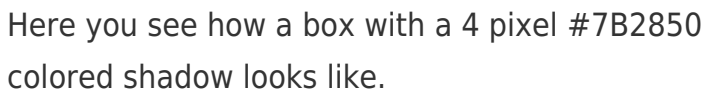
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2850 }
```

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

```
.border{ border-color:#7B2850 }
```

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



Here you see how a box with a 4 pixel #7B2850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2850; -webkit-box-shadow:4px 4px  
4px 4px #7B2850; box-shadow:4px 4px 4px  
4px #7B2850 }
```

# Background

The CSS property to change the background color of an element to Hex 7B2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2850 }
```

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

```
.background{ background-color:#7B2850 }
```

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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