

# Converting Colors

Hex(7B2747)

Have a look what the booklet for  
Hex(7B2747) contains.

|  |    |
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**Color**

**Hex(7B2747)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 7B2747                    |
| RGB           | 123, 39, 71               |
| RGB Percent   | 48%, 15%, 28%             |
| CMY           | 0.5176, 0.8471, 0.7216    |
| CMYK          | 0.00, 0.68, 0.42, 0.52    |
| HSL           | 337°, 52%, 32%            |
| HSV           | 337°, 68%, 48%            |
| XYZ           | 10.0312, 6.1169, 6.6132   |
| YIQ           | 67.7640, 39.7920, 27.7600 |

# Conversions

## Conversions Part 2

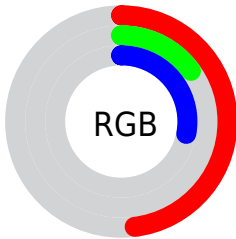
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 123, 39, 71                 |
| Decimal                             | 8070983                     |
| CIE Lab                             | 29.71, 39.28, 0.19          |
| CIE LCh                             | 30, 39.282, 0.271           |
| Yxy                                 | 6.1169, 0.4407,<br>0.2687   |
| Android<br>(android.graphics.Color) | 4286261063<br>(0xFF7B2747)  |
| YUV                                 | 67.7640, 1.5953,<br>48.4420 |
| Hunter-Lab                          | 24.7324, 29.1161,<br>1.4591 |

# Details

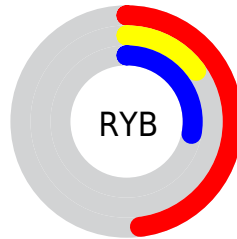
The Hex color **7B2747** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **277B5B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B35A77**, and **46001C** is the 20% darker color. If you saturate the color by 10%, you get **7B1B3F**, and if you desaturate by 10%, it is **7B334F**.

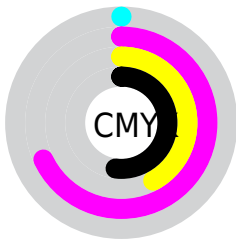
# Distribution



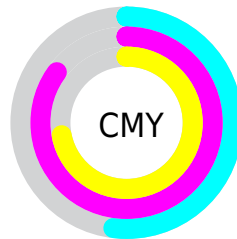
- Red (48%)
- Green (15%)
- Blue (28%)



- Red (48%)
- Yellow (15%)
- Blue (28%)



- Cyan (0%)
- Magenta (68%)
- Yellow (42%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B2747 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 7B2747 by changing the saturation by 10% instead.



 7B2747

 7B2747

FFFFFF

 600A31

 B35A77

 46001C

 CF7491

 310002

 ED8EAB

 000000

 FFA9C7

 FFC5E3

 FFE2FF

 7B2747

 7B2747

 7B1B3F

 7B334F

 7B0E38

 7B4056

 7B0230

 7B4C5E

 7B002F

 7B5865

 7B656D

 7B7175

 7B7D7C

 7B8984

 7B968C

# Harmonies

## Analogous

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



6B3065



7B2747



7A2C29

# Triad

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



7B2747



364D09



00517B

# Complementary

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



7B2747



277B5B

# 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.



005464



7B2747



005226

# Square

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



7B2747



544500



005445



004A83

# Rectangle

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



7B2747



723417



005445



005274



# Sweetspot

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



7B2747



A1818D



5B277B



523E45



D1D1D1



525252



# Same Dimension

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



7B2747



A11D4F



7B3127



3D3739



7D0030



FC0060



# Inverse Universe

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



7B2747



A11D4F



27717B



3D3739



7D0030

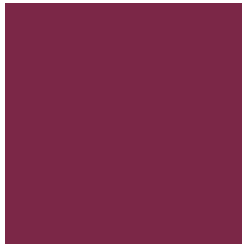


FC0060



# Previews

## White Background



This preview shows how the Hex color 7B2747 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

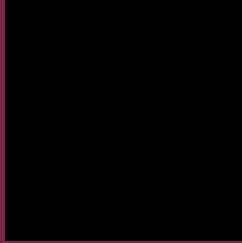
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B2747 Background



This preview shows how black text looks on a background with the Hex color 7B2747.

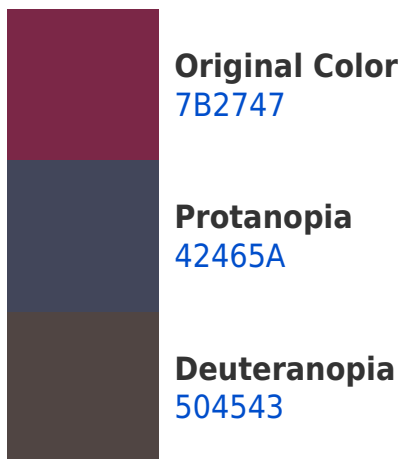


This preview shows how white text looks on a background with the Hex color 7B2747.

# 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**  
792C2F

# Trichromacy



**Original Color**  
7B2747

**Protanomaly**  
573B53

**Deuteranomaly**  
603A44

**Tritanomaly**  
7A2A38

# Monochromacy



**Original Color**  
7B2747

**Achromatopsia**  
444444

**Achromatomaly**  
583945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B2747 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 #7B2747 looks like.

```
.text, #text, p{  
    color:#7B2747  
}
```

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 #7B2747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2747
}
```

## Border

The CSS property to change the border of an element to Hex 7B2747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

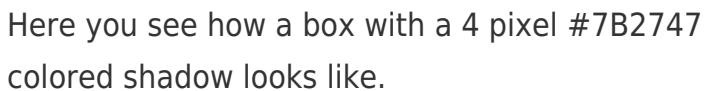
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2747 }
```

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

```
.border{ border-color:#7B2747 }
```

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



Here you see how a box with a 4 pixel #7B2747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2747; -webkit-box-shadow:4px 4px  
4px 4px #7B2747; box-shadow:4px 4px 4px  
4px #7B2747 }
```

# Background

The CSS property to change the background color of an element to Hex 7B2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2747 }
```

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

```
.background{ background-color:#7B2747 }
```

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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