

# Converting Colors

Hex(7B2F37)

Have a look what the booklet for  
Hex(7B2F37) contains.

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# Color

Hex(7B2F37)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B2F37
RGB	123, 47, 55
RGB Percent	48%, 18%, 22%
CMY	0.5176, 0.8157, 0.7843
CMYK	0.00, 0.62, 0.55, 0.52
HSL	354°, 45%, 33%
HSV	354°, 62%, 48%
XYZ	9.8745, 6.5198, 4.3524
YIQ	70.6360, 42.7280, 18.6000

# Conversions

## Conversions Part 2

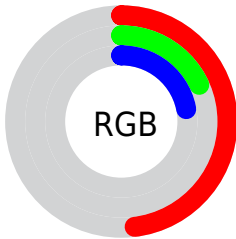
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 47, 55
Decimal	8073015
CIE <sub>Lab</sub>	30.69, 33.81, 12.11
CIE <sub>LCh</sub>	31, 35.915, 19.709
Yxy	6.5198, 0.4760, 0.3143
Android (android.graphics.Color)	4286263095 (0xFF7B2F37)
YUV	70.6360, -7.7085, 45.9232
Hunter-Lab	25.5339, 24.3451, 7.7674

# Details

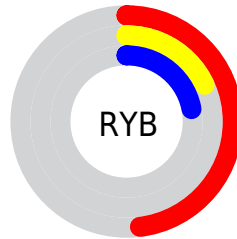
The Hex color **7B2F37** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F7B73**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B36166**, and **45000C** is the 20% darker color. If you saturate the color by 10%, you get **7B232C**, and if you desaturate by 10%, it is **7B3B42**.

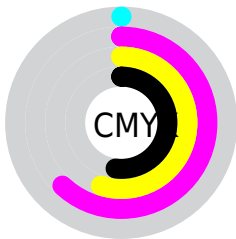
# Distribution



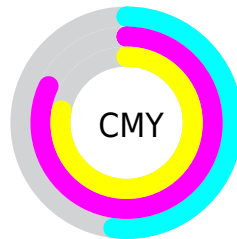
- Red (48%)
- Green (18%)
- Blue (22%)



- Red (48%)
- Yellow (18%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (55%)
- Black (52%)



- Cyan (52%)
- Magenta (82%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B2F37 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 7B2F37 by changing the saturation by 10% instead.



 7B2F37

 7B2F37

FFFFFF

 601622

 B36166

 45000C

 D07A7F

 2F0001

 ED9599

 000000

 FFB0B3

 FFCCCF

 FFE8EB

 7B2F37

 7B2F37

 7B232C

 7B3B42

 7B1621

 7B484D

 7B0A16

 7B5458

 7B000D

 7B6063

 7B6D6E

 7B7979

 7B8584

 7B918F

 7B9E9A

# Harmonies

## Analogous

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



762F53



7B2F37



72381E

# Triad

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



7B2F37



235222



004E7F

# Complementary

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



7B2F37



2F7B73

# 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.



005472



7B2F37



00553D

# Square

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



7B2F37



454C0D



00565A



37457D

# Rectangle

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



7B2F37



664011



00565A



00507D



# Sweetspot

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



7B2F37



A18285



722F7B



523F41



D1D1D1



525252



# Same Dimension

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



7B2F37



A12A36



7B4C2F



3D3738



7D000D



FC001B



# Inverse Universe

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



7B2F37



A12A36



2F5E7B



3D3738



7D000D



FC001B



# Previews

## White Background



This preview shows how the Hex color 7B2F37 looks on a white background.

## Color Contrast Check

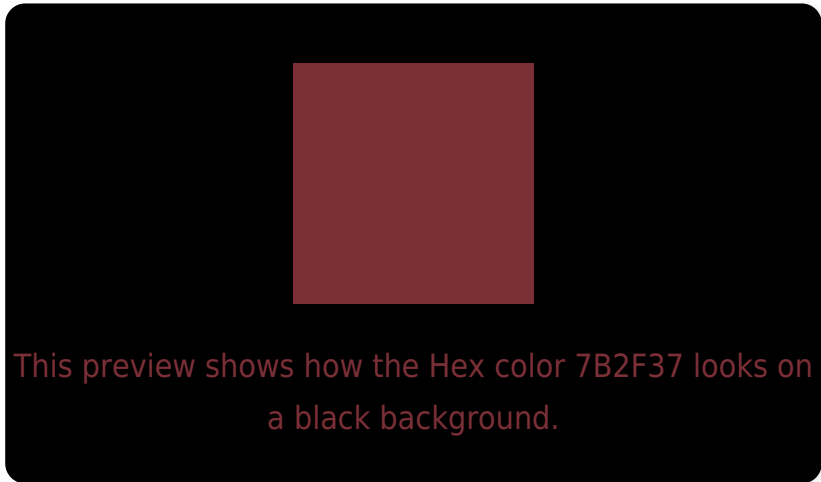
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B2F37 Background



This preview shows how black text looks on a background with the Hex color 7B2F37.



This preview shows how white text looks on a background with the Hex color 7B2F37.

# 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**  
7B2F37

**Protanopia**  
4C4943

**Deuteranopia**  
574633



**Tritanopia**  
7B3033

# Trichromacy



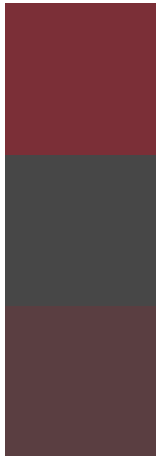
**Original Color**  
7B2F37

**Protanomaly**  
5D403F

**Deuteranomaly**  
643E34

**Tritanomaly**  
7B3034

# Monochromacy



**Original Color**  
7B2F37

**Achromatopsia**  
474747

**Achromatomaly**  
5A3E41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B2F37 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 #7B2F37 looks like.

```
.text, #text, p{  
    color:#7B2F37  
}
```

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 #7B2F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2F37
}
```

## Border

The CSS property to change the border of an element to Hex 7B2F37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

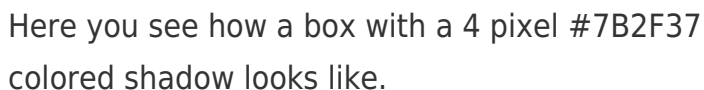
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2F37 }
```

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

```
.border{ border-color:#7B2F37 }
```

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



Here you see how a box with a 4 pixel #7B2F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2F37; -webkit-box-shadow:4px 4px  
4px 4px #7B2F37; box-shadow:4px 4px 4px  
4px #7B2F37 }
```

# Background

The CSS property to change the background color of an element to Hex 7B2F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2F37 }
```

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

```
.background{ background-color:#7B2F37 }
```

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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