

Converting Colors

Hex(7F2D3B)

Have a look what the booklet for
Hex(7F2D3B) contains.

| | |
|--|----|
| Hex(7F2D3B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(7F2D3B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7F2D3B |
| RGB | 127, 45, 59 |
| RGB Percent | 50%, 18%, 23% |
| CMY | 0.5020, 0.8235, 0.7686 |
| CMYK | 0.00, 0.65, 0.54, 0.50 |
| HSL | 350°, 48%, 34% |
| HSV | 350°, 65%, 50% |
| XYZ | 10.4802, 6.7046, 4.8794 |
| YIQ | 71.1140, 44.3780, 21.7380 |

Conversions

Conversions Part 2

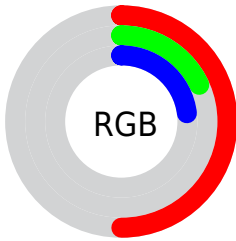
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 127, 45, 59 |
| Decimal | 8334651 |
| CIELab | 31.12, 36.64, 10.21 |
| CIElCh | 31, 38.035, 15.572 |
| Yxy | 6.7046, 0.4750, 0.3039 |
| Android (android.graphics.Color) | 4286524731 (0xFF7F2D3B) |
| YUV | 71.1140, -5.9722, 49.0120 |
| Hunter-Lab | 25.8932, 26.9344, 6.9524 |

Details

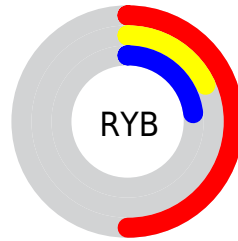
The Hex color **7F2D3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D7F71**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B75F6A**, and **490011** is the 20% darker color. If you saturate the color by 10%, you get **7F2030**, and if you desaturate by 10%, it is **7F3A46**.

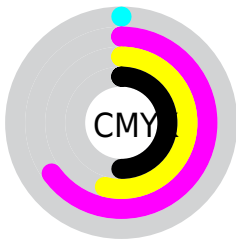
Distribution



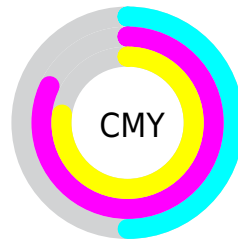
- Red (50%)
- Green (18%)
- Blue (23%)



- Red (50%)
- Yellow (18%)
- Blue (23%)



- Cyan (0%)
- Magenta (65%)
- Yellow (54%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2D3B 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 7F2D3B by changing the saturation by 10% instead.

 7F2D3B

 7F2D3B

FFFFFF

 641325

 B75F6A

 490011

 D47983

 310001

 F2949D

 000000

 FFAFB8

 FFCBD4

 FFE7F0

 7F2D3B

 7F2D3B

 7F2030

 7F3A46

 7F1426

 7F4650

 7F071B

 7F535B

 7F0016

 7F6065

 7F6D70

 7F797A

 7F8685

 7F938F

 7F9F9A

Harmonies

Analogous

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



782F59



7F2D3B



773620

Triad

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



7F2D3B



27531D



005183

Complementary

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



7F2D3B



2D7F71

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.



005673



7F2D3B



005639

Square

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



7F2D3B



4A4D07



005758



2C4783

Rectangle

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



7F2D3B



6B3F10



005758



00537F

Sweetspot

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



7F2D3B



A6868C



702D7F



544144



D4D4D4



545454

Same Dimension

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



7F2D3B



A6263C



7F472D



40393A



800016



000000

Inverse Universe

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



7F2D3B



A6263C



2D657F



40393A



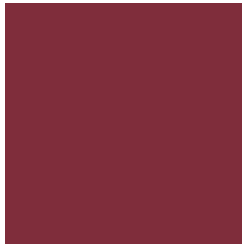
800016



000000

Previews

White Background



This preview shows how the Hex color 7F2D3B looks on a white background.

Color Contrast Check

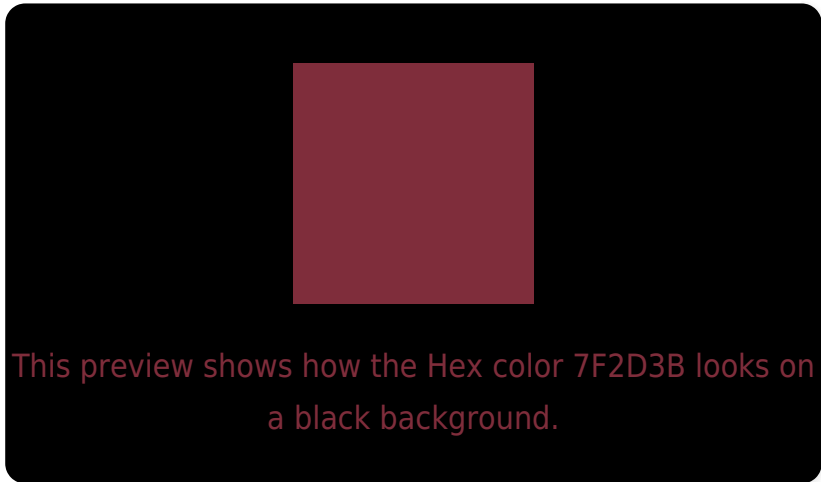
Large Text (above 18pt) WCAG AA ✓ Pass

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

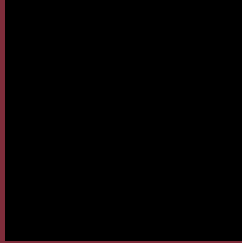
Any Text WCAG AA × Fail

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 7F2D3B Background



This preview shows how black text looks on a background with the Hex color 7F2D3B.



This preview shows how white text looks on a background with the Hex color 7F2D3B.

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
7F2D3B

Protanopia
4C4A49

Deuteranopia
584737



Tritanopia
7E2F32

Trichromacy



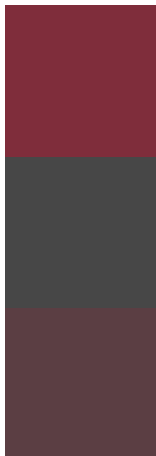
Original Color
7F2D3B

Protanomaly
5F3F44

Deuteranomaly
663E38

Tritanomaly
7E2E35

Monochromacy



Original Color
7F2D3B

Achromatopsia
474747

Achromatomaly
5B3E43

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2D3B 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 #7F2D3B looks like.

```
.text, #text, p{  
    color:#7F2D3B  
}
```

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 #7F2D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2D3B } }
```

Border

The CSS property to change the border of an element to Hex 7F2D3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

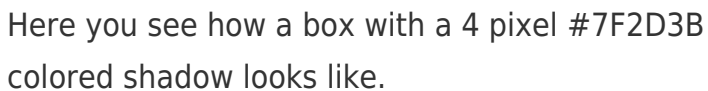
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #7F2D3B } }
```

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

```
.border{ border-color:#7F2D3B }
```

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



Here you see how a box with a 4 pixel #7F2D3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2D3B; -webkit-box-shadow:4px 4px  
4px 4px #7F2D3B; box-shadow:4px 4px 4px  
4px #7F2D3B }
```

Background

The CSS property to change the background color of an element to Hex 7F2D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2D3B }
```

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

```
.background{ background-color:#7F2D3B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor