

Converting Colors

Hex(7F252F)

Have a look what the booklet for
Hex(7F252F) contains.

Hex(7F252F)	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(7F252F)

Conversions

Conversions Part 1

Format	Color
Hex	7F252F
RGB	127, 37, 47
RGB Percent	50%, 15%, 18%
CMY	0.5020, 0.8549, 0.8157
CMYK	0.00, 0.71, 0.63, 0.50
HSL	353°, 55%, 32%
HSV	353°, 71%, 50%
XYZ	9.9271, 6.0404, 3.3320
YIQ	65.0500, 50.4300, 22.1900

Conversions

Conversions Part 2

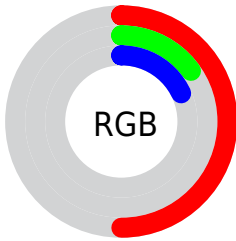
Format	Color
R_{YB}	127, 37, 47
Decimal	8332591
CIE Lab	29.51, 39.29, 15.92
CIE LCh	30, 42.387, 22.054
Yxy	6.0404, 0.5144, 0.3130
Android (android.graphics.Color)	4286522671 (0xFF7F252F)
YUV	65.0500, -8.8986, 54.3302
Hunter-Lab	24.5772, 29.0883, 9.1659

Details

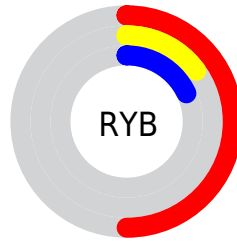
The Hex color **7F252F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **257F75**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B8585D**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **7F1824**, and if you desaturate by 10%, it is **7F323A**.

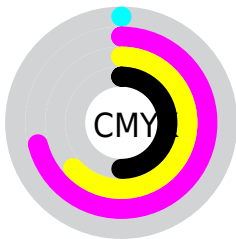
Distribution



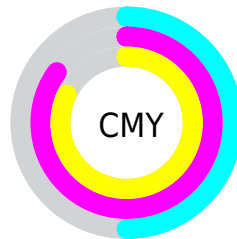
- Red (50%)
- Green (15%)
- Blue (18%)



- Red (50%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (71%)
- Yellow (63%)
- Black (50%)



- Cyan (50%)
- Magenta (85%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F252F 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 7F252F by changing the saturation by 10% instead.

 7F252F

 7F252F

FFFFFF

 63061A

 B8585D

 480000

 D67275

 300002

 F48D8F

 000000

 FFA8A9

 FFC4C5

 FFE0E1

 FFFDFD

 7F252F

 7F252F

 7F1824

 7F323A

 7F0C18

 7F3E46

 7F000E

 7F4B51

 7F585C

 7F6567

 7F7173

 7F7E7E

 7F8B89

 7F9795

Harmonies

Analogous

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



7B2350



7F252F



733311

Triad

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



7F252F



0C511A



004C87

Complementary

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



7F252F



257F75

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.



005279



7F252F



00543B

Square

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



7F252F



3E4B00



00545D



324183

Rectangle

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



7F252F



653D00



00545D



004F84

Sweetspot

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



7F252F



A68387



74257F



543F41



D4D4D4



545454

Same Dimension

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



7F252F



A61929



7F4725



40393A



80000E



000000

Inverse Universe

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



7F252F



A61929



255D7F



40393A



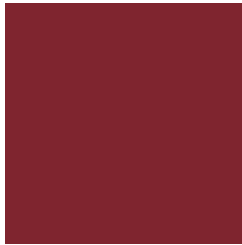
80000E



000000

Previews

White Background



This preview shows how the Hex color 7F252F looks on a white background.

Color Contrast Check

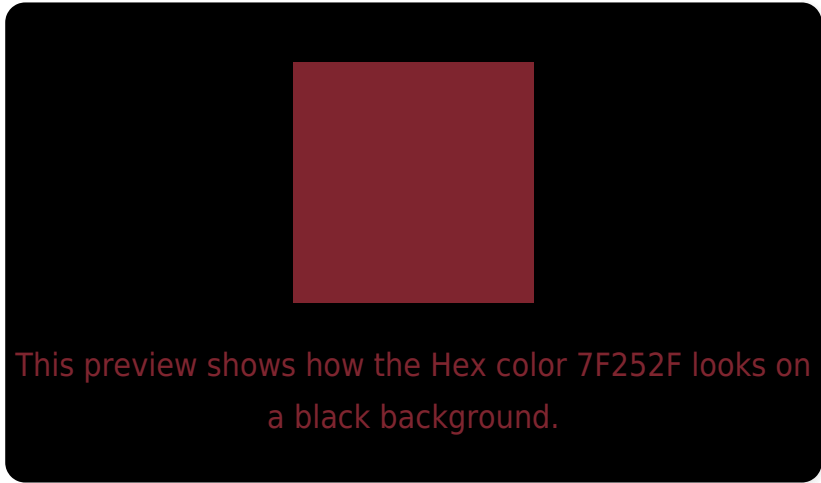
Large Text (above 18pt) WCAG AA ✓ Pass

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

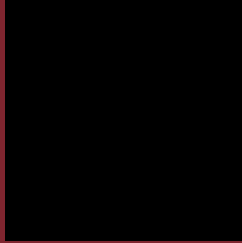
Any Text WCAG AA × Fail

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 7F252F Background



This preview shows how black text looks on a background with the Hex color 7F252F.



This preview shows how white text looks on a background with the Hex color 7F252F.

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
7F252F

Protanopia
4A473D

Deuteranopia
56442A



Tritanopia
7F2628

Trichromacy



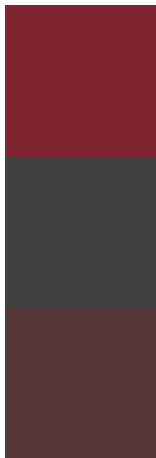
Original Color
7F252F

Protanomaly
5D3B38

Deuteranomaly
65392C

Tritanomaly
7F262B

Monochromacy



Original Color
7F252F

Achromatopsia
414141

Achromatomaly
58373A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F252F 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 #7F252F looks like.

```
.text, #text, p{  
    color:#7F252F  
}
```

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 #7F252F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F252F
}
```

Border

The CSS property to change the border of an element to Hex 7F252F is called "border". The border property can be set on classes, ids or directly on the HTML element.

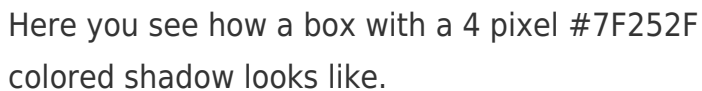
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F252F }
```

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

```
.border{ border-color:#7F252F }
```

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



Here you see how a box with a 4 pixel #7F252F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F252F; -webkit-box-shadow:4px 4px  
4px 4px #7F252F; box-shadow:4px 4px 4px  
4px #7F252F }
```

Background

The CSS property to change the background color of an element to Hex 7F252F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F252F }
```

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

```
.background{ background-color:#7F252F }
```

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