

Converting Colors

Hex(7F2E54)

Have a look what the booklet for
Hex(7F2E54) contains.

Hex(7F2E54)	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(7F2E54)

Conversions

Conversions Part 1

Format	Color
Hex	7F2E54
RGB	127, 46, 84
RGB Percent	50%, 18%, 33%
CMY	0.5020, 0.8196, 0.6706
CMYK	0.00, 0.64, 0.34, 0.50
HSL	332°, 47%, 34%
HSV	332°, 64%, 50%
XYZ	11.3296, 7.1061, 9.1620
YIQ	74.5510, 36.0780, 28.9900

Conversions

Conversions Part 2

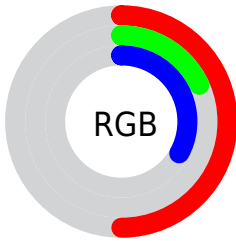
Format	Color
RYB	127, 46, 84
Decimal	8334932
CIELab	32.05, 38.97, -4.80
CIELCh	32, 39.266, 352.977
Yxy	7.1061, 0.4105, 0.2575
Android (android.graphics.Color)	4286525012 (0xFF7F2E54)
YUV	74.5510, 4.6584, 45.9978
Hunter-Lab	26.6573, 29.2141, -1.7176

Details

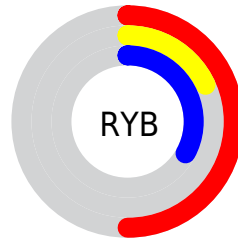
The Hex color **7F2E54** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2E7F59**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B66185**, and **4A0027** is the 20% darker color. If you saturate the color by 10%, you get **7F214D**, and if you desaturate by 10%, it is **7F3B5B**.

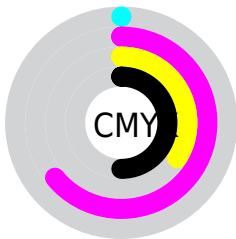
Distribution



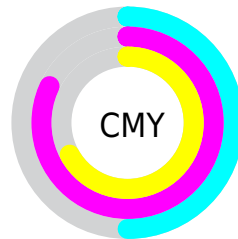
- Red (50%)
- Green (18%)
- Blue (33%)



- Red (50%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (64%)
- Yellow (34%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2E54 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 7F2E54 by changing the saturation by 10% instead.

 7F2E54

 7F2E54

FFFFFF

 64133D

 B66185

 4A0027

 D37BA0

 330013

 F095BB

 0C0000

 FFB1D6

 000000

 FFCDF3

 FFE9FF

 7F2E54

 7F2E54

 7F214D

 7F3B5B

 7F1547

 7F4761

 7F0840

 7F5468

 7F003C

 7F616F

 7F6E76

 7F7A7C

 7F8783

 7F948A

 7FA091

Harmonies

Analogous

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



6A3971



7F2E54



823035

Triad

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



7F2E54



44510A



00577C

Complementary

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



7F2E54



2E7F59

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.



005A63



7F2E54



1A5724

Square

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



7F2E54



614706



005943



005189

Rectangle

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



7F2E54



7C3723



005943



005975

Sweetspot

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



7F2E54



A68695



582E7F



54414A



D4D4D4



545454

Same Dimension

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



7F2E54



A62662



7F2F2E



40393C



80003C



000000

Inverse Universe

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



7F2E54



A62662



2E7E7F



40393C



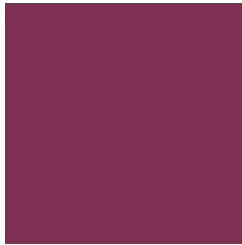
80003C



000000

Previews

White Background



This preview shows how the Hex color 7F2E54 looks on a white background.

Color Contrast Check

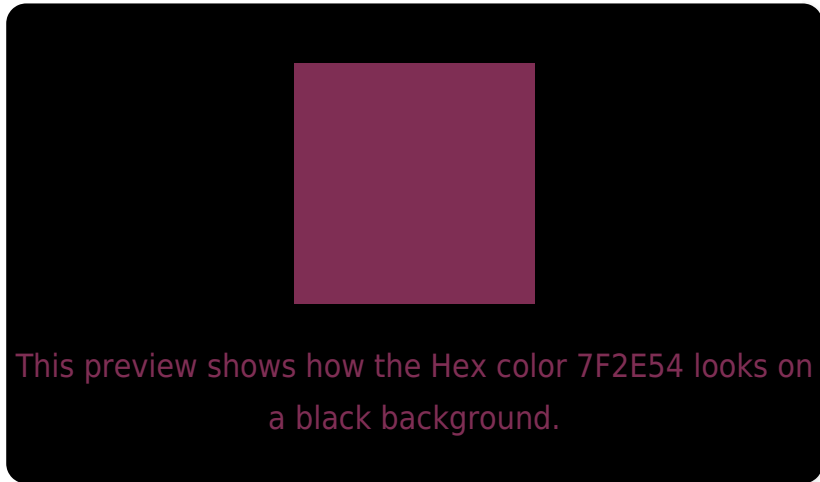
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F2E54 Background



This preview shows how black text looks on a background with the Hex color 7F2E54.



This preview shows how white text looks on a background with the Hex color 7F2E54.

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
7F2E54

Protanopia
444B68

Deuteranopia
524A50



Tritanopia
7D3438

Trichromacy



Original Color
7F2E54

Protanomaly
594061

Deuteranomaly
624051

Tritanomaly
7E3242

Monochromacy



Original Color
7F2E54

Achromatopsia
4B4B4B

Achromatomaly
5E404E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2E54 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 #7F2E54 looks like.

```
.text, #text, p{  
    color:#7F2E54  
}
```

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 #7F2E54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2E54
}
```

Border

The CSS property to change the border of an element to Hex 7F2E54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

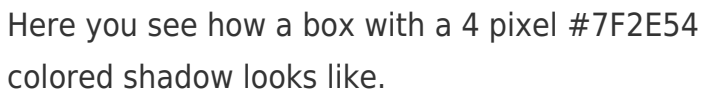
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F2E54 }
```

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

```
.border{ border-color:#7F2E54 }
```

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



Here you see how a box with a 4 pixel #7F2E54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2E54; -webkit-box-shadow:4px 4px  
4px 4px #7F2E54; box-shadow:4px 4px 4px  
4px #7F2E54 }
```

Background

The CSS property to change the background color of an element to Hex 7F2E54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2E54 }
```

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

```
.background{ background-color:#7F2E54 }
```

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