

Converting Colors

Hex(7F2E24)

Have a look what the booklet for
Hex(7F2E24) contains.

Hex(7F2E24)	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(7F2E24)

Conversions

Conversions Part 1

Format	Color
Hex	7F2E24
RGB	127, 46, 36
RGB Percent	50%, 18%, 14%
CMY	0.5020, 0.8196, 0.8588
CMYK	0.00, 0.64, 0.72, 0.50
HSL	7°, 56%, 32%
HSV	7°, 72%, 50%
XYZ	10.0478, 6.5934, 2.4121
YIQ	69.0790, 51.4860, 14.0620

Conversions

Conversions Part 2

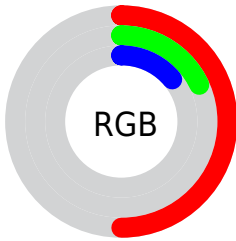
Format	Color
R_{YB}	127, 47, 36
Decimal	8334884
CIE Lab	30.86, 34.42, 24.63
CIE LCh	31, 42.326, 35.580
Yxy	6.5934, 0.5274, 0.3460
Android (android.graphics.Color)	4286524964 (0xFF7F2E24)
YUV	69.0790, -16.3079, 50.7967
Hunter-Lab	25.6776, 24.9125, 12.4047

Details

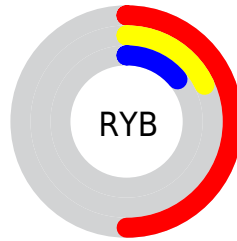
The Hex color **7F2E24** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **24757F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B96051**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **7F2317**, and if you desaturate by 10%, it is **7F3931**.

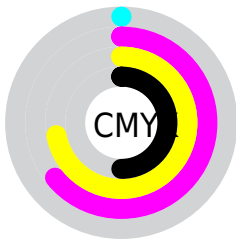
Distribution



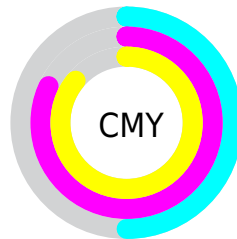
- Red (50%)
- Green (18%)
- Blue (14%)



- Red (50%)
- Yellow (18%)
- Blue (14%)



- Cyan (0%)
- Magenta (64%)
- Yellow (72%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2E24 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 7F2E24 by changing the saturation by 10% instead.



7F2E24



7F2E24

FFFFFF



63150F



B96051



480000



D67969



2F0001



F49483



000000



FFAF9D



FFCBB8



FFE7D3



FFFFF0



7F2E24



7F2E24

■ 7F2317

■ 7F3931

■ 7F170B

■ 7F453D

■ 7F0E00

■ 7F504A

■ 7F5B57

■ 7F6764

■ 7F7270

■ 7F7D7D

■ 7F888A

■ 7F9496

Harmonies

Analogous

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



832644



7F2E24



6D3D06

Triad

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



7F2E24



00562C



004B8B

Complementary

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



7F2E24



24757F

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.



005385



7F2E24



00584E

Square

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



7F2E24



30510B



00576E



513D7F

Rectangle

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



7F2E24



5C4500



00576E



004E8B

Sweetspot

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



7F2E24



A68783



7F2476



54413F



D4D4D4



545454

Same Dimension

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



7F2E24



A62717



7F5B24



403A39



800E00



000000

Inverse Universe

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



24757F



1796A6



24487F



393F40



007180



000000

Previews

White Background



This preview shows how the Hex color 7F2E24 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 7F2E24 Background



This preview shows how black text looks on a background with the Hex color 7F2E24.

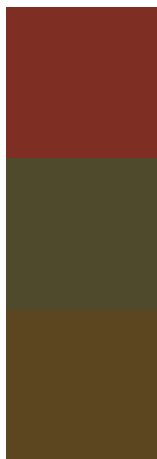


This preview shows how white text looks on a background with the Hex color 7F2E24.

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
7F2E24

Protanopia
504A2D

Deuteranopia
5B461F

Trichromacy



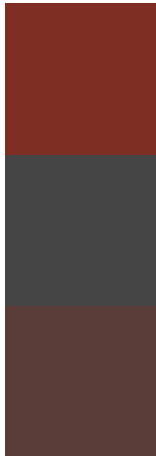
Original Color
7F2E24

Protanomaly
61402A

Deuteranomaly
683D21

Tritanomaly
7F2D2B

Monochromacy



Original Color
7F2E24

Achromatopsia
454545

Achromatomaly
5A3D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2E24 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 #7F2E24 looks like.

```
.text, #text, p{  
    color:#7F2E24  
}
```

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 #7F2E24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2E24
}
```

Border

The CSS property to change the border of an element to Hex 7F2E24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

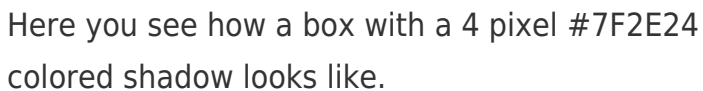
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F2E24 }
```

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

```
.border{ border-color:#7F2E24 }
```

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



Here you see how a box with a 4 pixel #7F2E24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2E24; -webkit-box-shadow:4px 4px  
4px 4px #7F2E24; box-shadow:4px 4px 4px  
4px #7F2E24 }
```

Background

The CSS property to change the background color of an element to Hex 7F2E24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2E24 }
```

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

```
.background{ background-color:#7F2E24 }
```

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