

# Converting Colors

Hex(7F2A4D)

Have a look what the booklet for  
Hex(7F2A4D) contains.

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**Color**

**Hex(7F2A4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F2A4D
RGB	127, 42, 77
RGB Percent	50%, 16%, 30%
CMY	0.5020, 0.8353, 0.6980
CMYK	0.00, 0.67, 0.39, 0.50
HSL	335°, 50%, 33%
HSV	335°, 67%, 50%
XYZ	10.9199, 6.7038, 7.7396
YIQ	71.4050, 39.4250, 28.9050

# Conversions

## Conversions Part 2

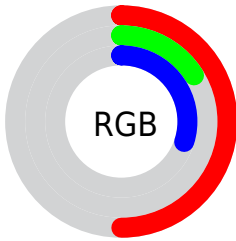
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 42, 77
Decimal	8333901
CIE Lab	31.12, 39.95, -1.60
CIE LCh	31, 39.986, 357.704
Yxy	6.7038, 0.4305, 0.2643
Android (android.graphics.Color)	4286523981 (0xFF7F2A4D)
YUV	71.4050, 2.7583, 48.7568
Hunter-Lab	25.8917, 29.9728, 0.4011

# Details

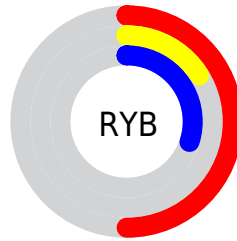
The Hex color **7F2A4D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2A7F5C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B75D7E**, and **4A0021** is the 20% darker color. If you saturate the color by 10%, you get **7F1D46**, and if you desaturate by 10%, it is **7F3754**.

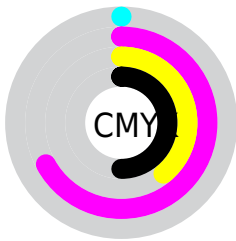
# Distribution



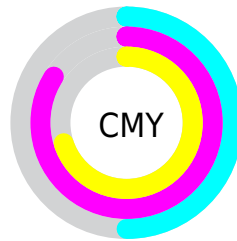
- Red (50%)
- Green (16%)
- Blue (30%)



- Red (50%)
- Yellow (16%)
- Blue (30%)



- Cyan (0%)
- Magenta (67%)
- Yellow (39%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F2A4D 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 7F2A4D by changing the saturation by 10% instead.



 7F2A4D

 7F2A4D

FFFFFF

 640D36

 B75D7E

 4A0021

 D47798

 33000A

 F192B2

 040000

 FFADCE

 000000

 FFC9EA

 FFE5FF

 7F2A4D

 7F2A4D

 7F1D46

 7F3754

 7F113E

 7F435C

 7F0437

 7F5063

 7F0034

 7F5D6B

 7F6A72

 7F767A

 7F8381

 7F9089

 7F9C90

# Harmonies

## Analogous

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



6C346B



7F2A4D



802E2E

# Triad

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



7F2A4D



3C5009



00557E

# Complementary

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



7F2A4D



2A7F5C

# 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.



005865



7F2A4D



075526

# Square

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



7F2A4D



5B4700



005846



004E88

# Rectangle

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



7F2A4D



78361C



005846



005677



# Sweetspot

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



7F2A4D



A68592



5C2A7F



544048



D4D4D4



545454



# Same Dimension

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



7F2A4D



A62158



7F312A



40393C



800035



000000



# Inverse Universe

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



7F2A4D



A62158



2A787F



40393C



800035

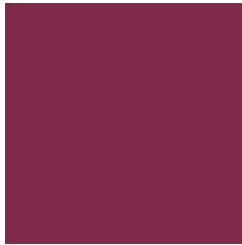


000000



# Previews

## White Background



This preview shows how the Hex color 7F2A4D looks on a white background.

## Color Contrast Check

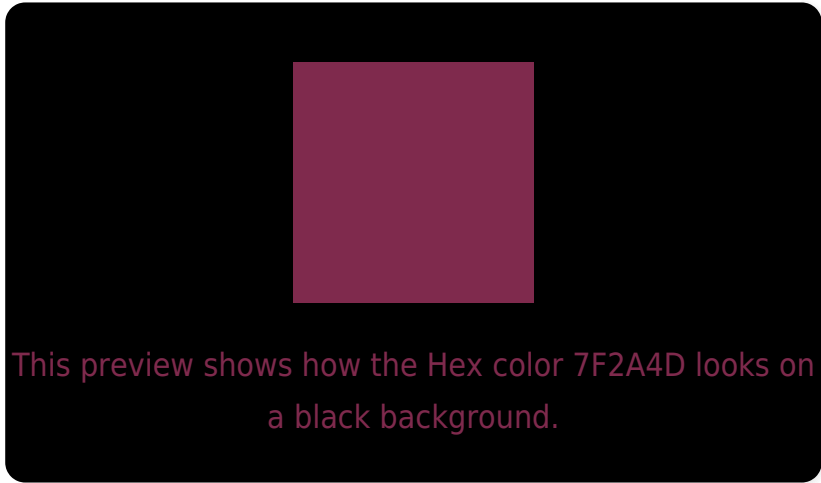
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F2A4D Background



This preview shows how black text looks on a background with the Hex color 7F2A4D.

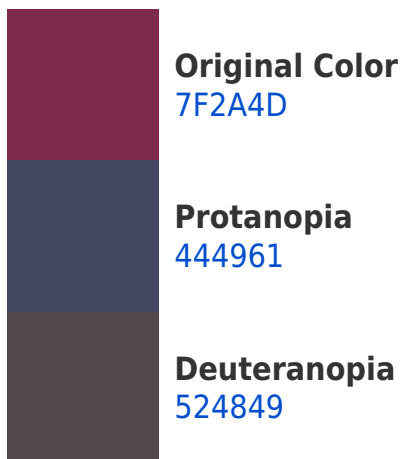


This preview shows how white text looks on a background with the Hex color 7F2A4D.

# 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





**Tritanopia**  
7D3033

# Trichromacy



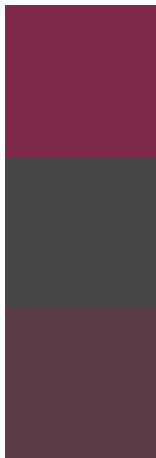
**Original Color**  
7F2A4D

**Protanomaly**  
593E5A

**Deuteranomaly**  
623D4A

**Tritanomaly**  
7E2E3C

# Monochromacy



**Original Color**  
7F2A4D

**Achromatopsia**  
474747

**Achromatomaly**  
5B3C49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F2A4D 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 #7F2A4D looks like.

```
.text, #text, p{  
    color:#7F2A4D  
}
```

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 #7F2A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2A4D
}
```

## Border

The CSS property to change the border of an element to Hex 7F2A4D 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".

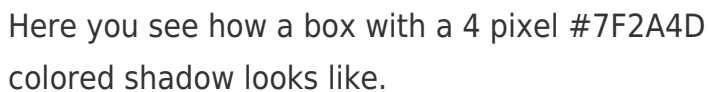
```
.border, #border, table{ border:4px solid
#7F2A4D }
```

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

```
.border{ border-color:#7F2A4D }
```

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

Here you see how a box with a 4 pixel #7F2A4D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2A4D; -webkit-box-shadow:4px 4px  
4px 4px #7F2A4D; box-shadow:4px 4px 4px  
4px #7F2A4D }
```

# Background

The CSS property to change the background color of an element to Hex 7F2A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2A4D }
```

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

```
.background{ background-color:#7F2A4D }
```

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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