

# Converting Colors

Hex(7B542F)

Have a look what the booklet for  
Hex(7B542F) contains.

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# Color

**Hex(7B542F)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7B542F
RGB	123, 84, 47
RGB Percent	48%, 33%, 18%
CMY	0.5176, 0.6706, 0.8157
CMYK	0.00, 0.32, 0.62, 0.52
HSL	29°, 45%, 33%
HSV	29°, 62%, 48%
XYZ	11.8518, 10.7568, 4.1409
YIQ	91.4430, 35.1210, -3.2390

# Conversions

## Conversions Part 2

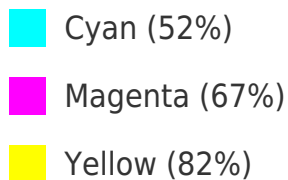
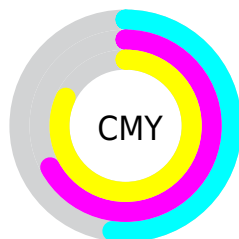
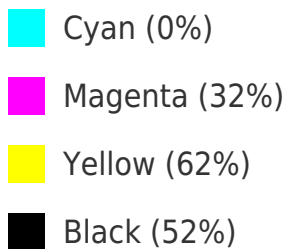
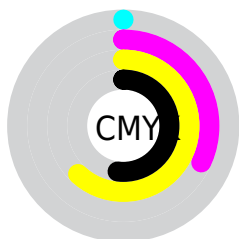
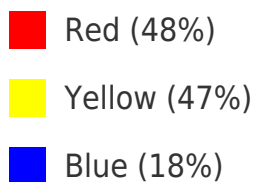
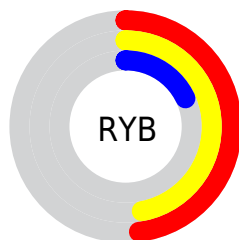
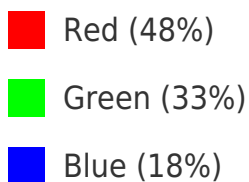
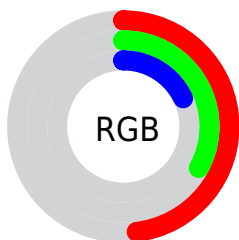
Format	Color
<a href="#">RYB</a>	<a href="#">123, 119, 47</a>
Decimal	<a href="#">8082479</a>
CIELab	<a href="#">39.17, 12.00, 27.86</a>
CIELCh	<a href="#">39, 30.335, 66.691</a>
Yxy	<a href="#">10.7568, 0.4431, 0.4021</a>
Android (android.graphics.Color)	<a href="#">4286272559</a> (0xFF7B542F)
YUV	<a href="#">91.4430, -21.9104, 27.6755</a>
Hunter-Lab	<a href="#">32.7976, 7.1072, 15.4725</a>

# Details

The Hex color **7B542F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2F567B**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B2865E**, and **472700** is the 20% darker color. If you saturate the color by 10%, you get **7B4E23**, and if you desaturate by 10%, it is **7B5A3B**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 7B542F 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 7B542F by changing the saturation by 10% instead.



 7B542F

 7B542F

FFFFFF

 613D19

 B2865E

 472700

 CEA077

 2E1200

 EBBB91

 130000

 FFD7AC

 000000

 FFF3C7

 FFFFE3

 7B542F

 7B542F

 7B4E23

 7B5A3B

 7B4716

 7B6148

 7B410A

 7B6754

 7B3C00

 7B6D60

 7B746D

 7B7A79

 7B8085

 7B8691

 7B8D9E

# Harmonies

## Analogous

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



884C40



7B542F



665D2A

# Triad

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



7B542F



006961



665484

# Complementary

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



7B542F



2F567B

# 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.



3E5D8D



7B542F



006879

# Square

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



7B542F



2B6748



006489



7F4B70

# Rectangle

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



7B542F



55612F



006489



5A5788



# Sweetspot

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



7B542F



A19182



7B2F56



52483F



D1D1D1



525252



# Same Dimension

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



7B542F



A1642A



7B7A2F



3D3A37



7D3D00



FC7B00



# Inverse Universe

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



2F567B



2A67A1



2F307B



373A3D



00407D



0082FC



# Previews

## White Background



This preview shows how the Hex color 7B542F 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 × Fail

# Black Background



This preview shows how the Hex color 7B542F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7B542F Background



This preview shows how black text looks on a background with the Hex color 7B542F.



This preview shows how white text looks on a background with the Hex color 7B542F.

# 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**

[7B542F](#)

**Protanopia**

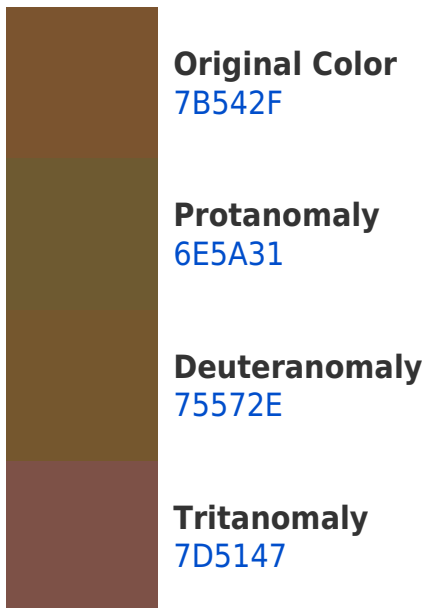
[665D32](#)

**Deuteranopia**

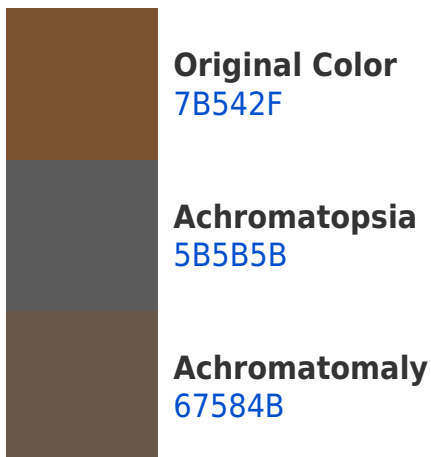
[72582E](#)



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B542F 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 #7B542F looks like.

```
.text, #text, p{  
    color:#7B542F  
}
```

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 #7B542F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B542F
}
```

## Border

The CSS property to change the border of an element to Hex 7B542F 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
#7B542F }
```

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

```
.border{ border-color:#7B542F }
```

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

Here you see how a box with a 4 pixel #7B542F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B542F; -webkit-box-shadow:4px 4px  
4px 4px #7B542F; box-shadow:4px 4px 4px  
4px #7B542F }
```

# Background

The CSS property to change the background color of an element to Hex 7B542F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B542F }
```

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

```
.background{ background-color:#7B542F }
```

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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