

# Converting Colors

Hex(7B5F28)

Have a look what the booklet for  
Hex(7B5F28) contains.

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**Color**

**Hex(7B5F28)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7B5F28                     |
| RGB           | 123, 95, 40                |
| RGB Percent   | 48%, 37%, 16%              |
| CMY           | 0.5176, 0.6275, 0.8431     |
| CMYK          | 0.00, 0.23, 0.67, 0.52     |
| HSL           | 40°, 51%, 32%              |
| HSV           | 40°, 67%, 48%              |
| XYZ           | 12.6436, 12.5486, 3.7632   |
| YIQ           | 97.1020, 34.3430, -11.1690 |

# Conversions

## Conversions Part 2

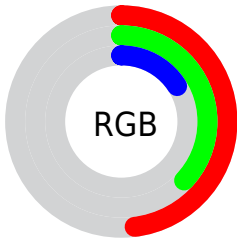
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 82, 123, 40                   |
| Decimal                             | 8085288                       |
| CIELab                              | 42.08, 4.92, 34.98            |
| CIElCh                              | 42, 35.326, 82.001            |
| Yxy                                 | 12.5486, 0.4367,<br>0.4334    |
| Android<br>(android.graphics.Color) | 4286275368<br>(0xFF7B5F28)    |
| YUV                                 | 97.1020, -28.1513,<br>22.7125 |
| Hunter-Lab                          | 35.4240, 1.7186,<br>18.4982   |

# Details

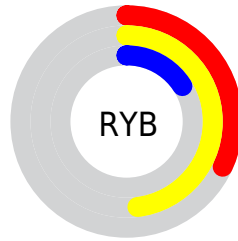
The Hex color **7B5F28** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **28447B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B29158**, and **473100** is the 20% darker color. If you saturate the color by 10%, you get **7B5B1C**, and if you desaturate by 10%, it is **7B6334**.

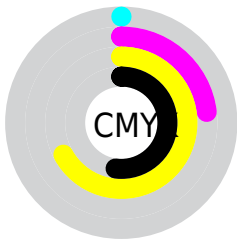
# Distribution



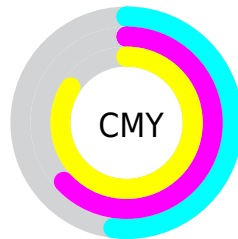
- Red (48%)
- Green (37%)
- Blue (16%)



- Red (32%)
- Yellow (48%)
- Blue (16%)



- Cyan (0%)
- Magenta (23%)
- Yellow (67%)
- Black (52%)



- Cyan (52%)
- Magenta (63%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B5F28 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 7B5F28 by changing the saturation by 10% instead.



 7B5F28

 7B5F28

FFFFFF

 614710

 B29158

 473100

 CEAC71

 2E1C00

 EBC78B

 150300

 FFE3A5

 000000

 FFFFC1

 FFFFDD

 FFFFFA

 7B5F28

 7B5F28

■ 7B5B1C

■ 7B6334

■ 7B570F

■ 7B6741

■ 7B5303

■ 7B6B4D

■ 7B5200

■ 7B7059

■ 7B7466

■ 7B7872

■ 7B7C7E

■ 7B808A

■ 7B8497

# Harmonies

## Analogous

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



905436



7B5F28



5F682B

# Triad

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



7B5F28



007278



805387

# Complementary

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



7B5F28



28447B

# 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.



595F99



7B5F28



006F90

# Square

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



7B5F28



00715A



0D699D



954B6C

# Rectangle

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



7B5F28



496D36



0D699D



75578F



# Sweetspot

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



7B5F28



A19681



7B2845



524B3E



D1D1D1



525252



# Same Dimension

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



7B5F28



A1751F



6F7B28



3D3B37



7D5300



FCA700



# Inverse Universe

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



28447B



1F4AA1



34287B



37393D



002A7D



0055FC



# Previews

## White Background



This preview shows how the Hex color 7B5F28 looks on a white background.

## Color Contrast Check

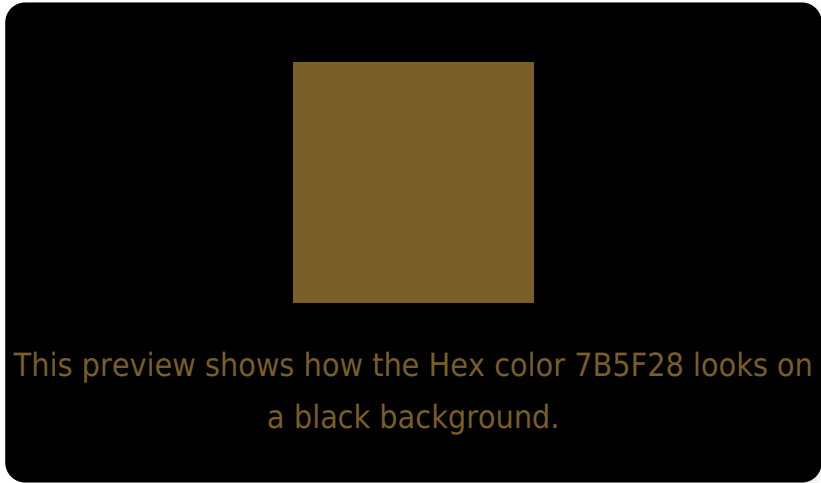
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 7B5F28 Background



This preview shows how black text looks on a background with the Hex color 7B5F28.



This preview shows how white text looks on a background with the Hex color 7B5F28.

# 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**  
7B5F28

**Protanopia**  
6F6429

**Deuteranopia**  
7C5F28



**Tritanopia**  
7F5960

# Trichromacy



**Original Color**  
7B5F28

**Protanomaly**  
736229

**Deuteranomaly**  
7C5F28

**Tritanomaly**  
7E5B4C

# Monochromacy



**Original Color**  
7B5F28

**Achromatopsia**  
616161

**Achromatomaly**  
6A604C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B5F28 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 #7B5F28 looks like.

```
.text, #text, p{  
    color:#7B5F28  
}
```

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 #7B5F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5F28
}
```

## Border

The CSS property to change the border of an element to Hex 7B5F28 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
#7B5F28 }
```

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

```
.border{ border-color:#7B5F28 }
```

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

Here you see how a box with a 4 pixel #7B5F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5F28; -webkit-box-shadow:4px 4px  
4px 4px #7B5F28; box-shadow:4px 4px 4px  
4px #7B5F28 }
```

# Background

The CSS property to change the background color of an element to Hex 7B5F28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5F28 }
```

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

```
.background{ background-color:#7B5F28 }
```

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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