

Converting Colors

Hex(7B6A2E)

Have a look what the booklet for
Hex(7B6A2E) contains.

Hex(7B6A2E)	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(7B6A2E)

Conversions

Conversions Part 1

Format	Color
Hex	7B6A2E
RGB	123, 106, 46
RGB Percent	48%, 42%, 18%
CMY	0.5176, 0.5843, 0.8196
CMYK	0.00, 0.14, 0.63, 0.52
HSL	47°, 46%, 33%
HSV	47°, 63%, 48%
XYZ	13.8156, 14.7163, 4.6971
YIQ	104.2430, 29.3920, -15.0560

Conversions

Conversions Part 2

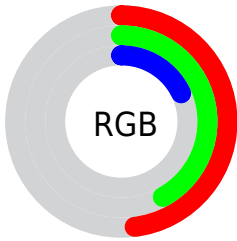
Format	Color
RYB	68, 123, 46
Decimal	8088110
CIELab	45.24, -1.09, 35.45
CIELCh	45, 35.465, 91.754
Yxy	14.7163, 0.4158, 0.4429
Android (android.graphics.Color)	4286278190 (0xFF7B6A2E)
YUV	104.2430, -28.7138, 16.4499
Hunter-Lab	38.3618, -2.8485, 19.5936

Details

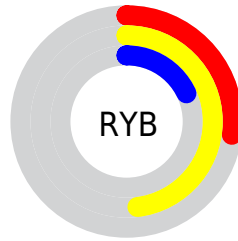
The Hex color **7B6A2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E3F7B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B29D5E**, and **483B00** is the 20% darker color. If you saturate the color by 10%, you get **7B6722**, and if you desaturate by 10%, it is **7B6D3A**.

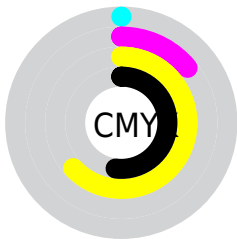
Distribution



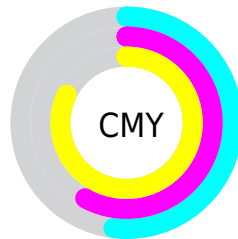
- Red (48%)
- Green (42%)
- Blue (18%)



- Red (27%)
- Yellow (48%)
- Blue (18%)



- Cyan (0%)
- Magenta (14%)
- Yellow (63%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7B6A2E 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 7B6A2E by changing the saturation by 10% instead.

 7B6A2E

 7B6A2E

FFFFFF

 615216

 B29D5E

 483B00

 CEB878

 2F2600

 EBD392

 161100

 FFF0AD

 000000

 FFFFC8

 FFFF E5

 7B6A2E

 7B6A2E

 7B6722

 7B6D3A

■ 7B6515

■ 7B6F47

■ 7B6209

■ 7B7253

■ 7B6000

■ 7B755F

■ 7B786B

■ 7B7A78

■ 7B7D84

■ 7B8090

■ 7B829D

Harmonies

Analogous

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



935F37



7B6A2E



5D7237

Triad

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



7B6A2E



007989



915888

Complementary

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



7B6A2E



2E3F7B

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.



6F639D



7B6A2E



00759F

Square

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



7B6A2E



007A6C



3A6EA6



A1526A

Rectangle

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



7B6A2E



447645



3A6EA6



885B90

Sweetspot

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



7B6A2E



A19A82



7B2E40



524D3F



D1D1D1



525252

Same Dimension

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



7B6A2E



A18628



667B2E



3D3C37



7D6100



FCC500

Inverse Universe

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



2E3F7B



2843A1



432E7B



37383D



001C7D



0038FC

Previews

White Background



This preview shows how the Hex color 7B6A2E 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

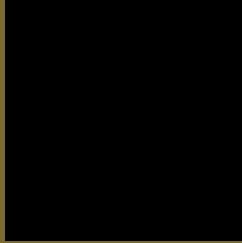
Any Text WCAG AA × Fail

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 7B6A2E Background



This preview shows how black text looks on a background with the Hex color 7B6A2E.

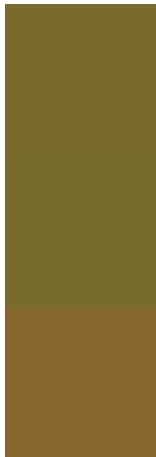


This preview shows how white text looks on a background with the Hex color 7B6A2E.

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
7B6A2E

Protanopia
776B2E

Deuteranopia
85662F



Tritanopia
80646B

Trichromacy



Original Color
7B6A2E

Protanomaly
786B2E

Deuteranomaly
81672F

Tritanomaly
7E6655

Monochromacy



Original Color
7B6A2E

Achromatopsia
686868

Achromatomaly
6F6953

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6A2E 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 #7B6A2E looks like.

```
.text, #text, p{  
    color:#7B6A2E  
}
```

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 #7B6A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6A2E
}
```

Border

The CSS property to change the border of an element to Hex 7B6A2E 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
#7B6A2E }
```

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

```
.border{ border-color:#7B6A2E }
```

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

Here you see how a box with a 4 pixel #7B6A2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6A2E; -webkit-box-shadow:4px 4px  
4px 4px #7B6A2E; box-shadow:4px 4px 4px  
4px #7B6A2E }
```

Background

The CSS property to change the background color of an element to Hex 7B6A2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6A2E }
```

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

```
.background{ background-color:#7B6A2E }
```

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