

Converting Colors

Hex(7B7522)

Have a look what the booklet for
Hex(7B7522) contains.

Hex(7B7522)	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(7B7522)

Conversions

Conversions Part 1

Format	Color
Hex	7B7522
RGB	123, 117, 34
RGB Percent	48%, 46%, 13%
CMY	0.5176, 0.5412, 0.8667
CMYK	0.00, 0.05, 0.72, 0.52
HSL	56°, 57%, 31%
HSV	56°, 72%, 48%
XYZ	14.8184, 17.0490, 4.0232
YIQ	109.3320, 30.2190, -24.5410

Conversions

Conversions Part 2

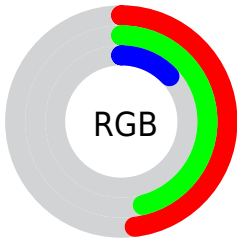
Format	Color
RYB	40, 123, 34
Decimal	8090914
CIELab	48.32, -8.14, 44.29
CIELCh	48, 45.028, 100.418
Yxy	17.0490, 0.4129, 0.4750
Android (android.graphics.Color)	4286280994 (0xFF7B7522)
YUV	109.3320, -37.1387, 11.9868
Hunter-Lab	41.2905, -8.1979, 23.1264

Details

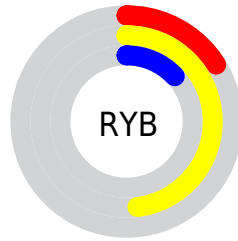
The Hex color **7B7522** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **22287B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B2A954**, and **474500** is the 20% darker color. If you saturate the color by 10%, you get **7B7416**, and if you desaturate by 10%, it is **7B762E**.

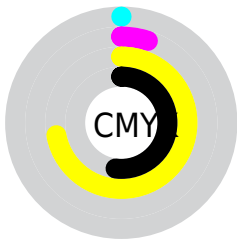
Distribution



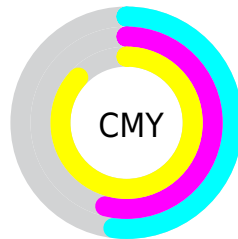
- Red (48%)
- Green (46%)
- Blue (13%)



- Red (16%)
- Yellow (48%)
- Blue (13%)



- Cyan (0%)
- Magenta (5%)
- Yellow (72%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7522 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 7B7522 by changing the saturation by 10% instead.

 7B7522

 7B7522

FFFFFF

 615D04

 B2A954

 474500

 CEC46E

 2E2F00

 EBE088

 161B00

 FFFCA3

 000000

 FFFFBF

 FFFFDB

 FFFFF8

 7B7522

 7B7522

■ 7B7416

■ 7B762E

■ 7B7309

■ 7B773B

■ 7B7300

■ 7B7747

■ 7B7853

■ 7B7960

■ 7B7A6C

■ 7B7B78

■ 7B7C84

■ 7B7C91

Harmonies

Analogous

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



9C6829



7B7522



527E36

Triad

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



7B7522



0084A3



AB558D

Complementary

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



7B7522



22287B

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.



8663AD



7B7522



007EBA

Square

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



7B7522



00857F



4472BE



B95067

Rectangle

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



7B7522



2A824B



4472BE



A15999

Sweetspot

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



7B7522



A19E7D



7B2229



52503C



D1D1D1



525252

Same Dimension

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



7B7522



A19715



567B22



3D3D37



7D7500



FCEB00

Inverse Universe

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



22287B



151EA1



47227B



37373D



00087D



0011FC

Previews

White Background



This preview shows how the Hex color 7B7522 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

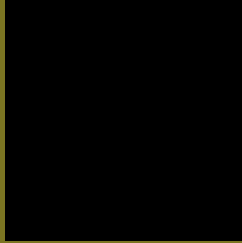
Any Text WCAG AA × Fail

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 7B7522 Background



This preview shows how black text looks on a background with the Hex color 7B7522.



This preview shows how white text looks on a background with the Hex color 7B7522.

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
7B7522

Protanopia
817321

Deuteranopia
906D25



Tritanopia
826D76

Trichromacy



Original Color
7B7522

Protanomaly
7F7421

Deuteranomaly
887024

Tritanomaly
7F7057

Monochromacy



Original Color
7B7522

Achromatopsia
6D6D6D

Achromatomaly
727052

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7522 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 #7B7522 looks like.

```
.text, #text, p{  
    color:#7B7522  
}
```

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 #7B7522 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7522
}
```

Border

The CSS property to change the border of an element to Hex 7B7522 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
#7B7522 }
```

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

```
.border{ border-color:#7B7522 }
```

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

Here you see how a box with a 4 pixel #7B7522 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7522; -webkit-box-shadow:4px 4px  
4px 4px #7B7522; box-shadow:4px 4px 4px  
4px #7B7522 }
```

Background

The CSS property to change the background color of an element to Hex 7B7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7522 }
```

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

```
.background{ background-color:#7B7522 }
```

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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