

Converting Colors

Hex(7A4B2B)

Have a look what the booklet for
Hex(7A4B2B) contains.

Hex(7A4B2B)	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(7A4B2B)

Conversions

Conversions Part 1

Format	Color
Hex	7A4B2B
RGB	122, 75, 43
RGB Percent	48%, 29%, 17%
CMY	0.5216, 0.7059, 0.8314
CMYK	0.00, 0.39, 0.65, 0.52
HSL	24°, 48%, 32%
HSV	24°, 65%, 48%
XYZ	10.9782, 9.3441, 3.5105
YIQ	85.4050, 38.2840, 0.0120

Conversions

Conversions Part 2

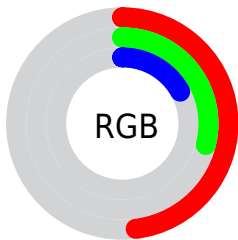
Format	Color
R_{YB}	122, 97, 43
Decimal	8014635
CIE _{Lab}	36.64, 16.61, 27.10
CIE _{LCh}	37, 31.786, 58.496
Yxy	9.3441, 0.4606, 0.3921
Android (android.graphics.Color)	4286204715 (0xFF7A4B2B)
YUV	85.4050, -20.9057, 32.0938
Hunter-Lab	30.5682, 10.6116, 14.5888

Details

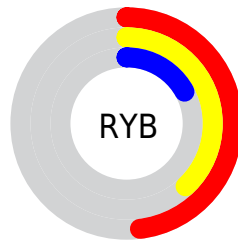
The Hex color **7A4B2B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2B5A7A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **B17C59**, and **461E00** is the 20% darker color. If you saturate the color by 10%, you get **7A441F**, and if you desaturate by 10%, it is **7A5237**.

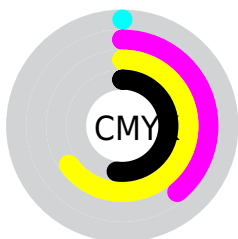
Distribution



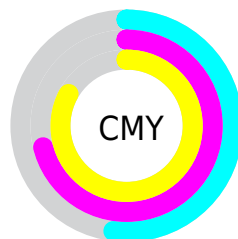
- Red (48%)
- Green (29%)
- Blue (17%)



- Red (48%)
- Yellow (38%)
- Blue (17%)



- Cyan (0%)
- Magenta (39%)
- Yellow (65%)
- Black (52%)



- Cyan (52%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A4B2B 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 7A4B2B by changing the saturation by 10% instead.

 7A4B2B

 7A4B2B

FFFFFF

 5F3415

 B17C59

 461E00

 CE9672

 2C0900

 EBB18C

 060000

 FFCCA6

 000000

 FFE9C2

 FFFFDE

 FFFFFA

 7A4B2B

 7A4B2B

■ 7A441F

■ 7A5237

■ 7A3C13

■ 7A5A43

■ 7A3506

■ 7A6150

■ 7A3100

■ 7A685C

■ 7A6F68

■ 7A7774

■ 7A7E80

■ 7A858D

■ 7A8C99

Harmonies

Analogous

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



85433F



7A4B2B



665421

Triad

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



7A4B2B



006354



565083

Complementary

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



7A4B2B



2B5A7A

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.



225989



7A4B2B



00636E

Square

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



7A4B2B



2C613A



006081



744671

Rectangle

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



7A4B2B



565A24



006081



485387

Sweetspot

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



7A4B2B



9E8C80



7A2B5A



4F443D



CFCFCF



4F4F4F

Same Dimension

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



7A4B2B



9E5523



7A722B



3D3A37



7D3300



FC6600

Inverse Universe

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



2B5A7A



236C9E



2B337A



373B3D



004A7D



0096FC

Previews

White Background



This preview shows how the Hex color 7A4B2B looks on a white background.

Color Contrast Check

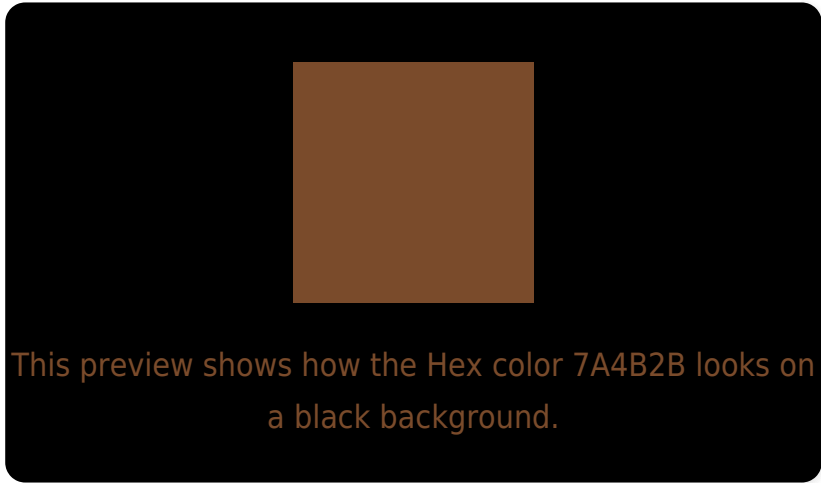
Large Text (above 18pt) WCAG AA ✓ Pass

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

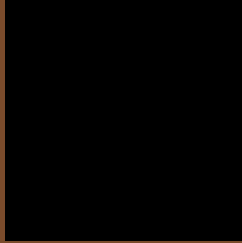
Any Text WCAG AA × Fail

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 7A4B2B Background



This preview shows how black text looks on a background with the Hex color 7A4B2B.



This preview shows how white text looks on a background with the Hex color 7A4B2B.

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
7A4B2B

Protanopia
5F572F

Deuteranopia
6B5229



Tritanopia
7C474C

Trichromacy



Original Color
7A4B2B

Protanomaly
69532E

Deuteranomaly
704F2A

Tritanomaly
7B4840

Monochromacy



Original Color
7A4B2B

Achromatopsia
555555

Achromatomaly
625146

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A4B2B 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 #7A4B2B looks like.

```
.text, #text, p{  
    color:#7A4B2B  
}
```

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 #7A4B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4B2B
}
```

Border

The CSS property to change the border of an element to Hex 7A4B2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

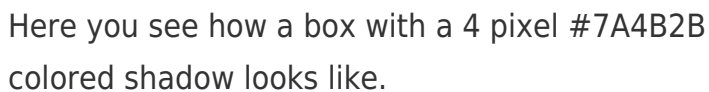
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4B2B }
```

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

```
.border{ border-color:#7A4B2B }
```

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



Here you see how a box with a 4 pixel #7A4B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4B2B; -webkit-box-shadow:4px 4px  
4px 4px #7A4B2B; box-shadow:4px 4px 4px  
4px #7A4B2B }
```

Background

The CSS property to change the background color of an element to Hex 7A4B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4B2B }
```

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

```
.background{ background-color:#7A4B2B }
```

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