

Converting Colors

Hex(7B5A29)

Have a look what the booklet for
Hex(7B5A29) contains.

Hex(7B5A29)	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(7B5A29)

Conversions

Conversions Part 1

Format	Color
Hex	7B5A29
RGB	123, 90, 41
RGB Percent	48%, 35%, 16%
CMY	0.5176, 0.6471, 0.8392
CMYK	0.00, 0.27, 0.67, 0.52
HSL	36°, 50%, 32%
HSV	36°, 67%, 48%
XYZ	12.2248, 11.6834, 3.7086
YIQ	94.2810, 35.3970, -8.2430

Conversions

Conversions Part 2

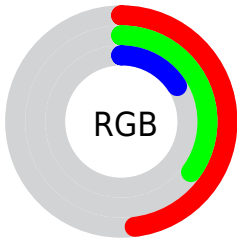
Format	Color
RYB	96, 123, 41
Decimal	8084009
CIELab	40.71, 7.96, 32.94
CIELCh	41, 33.890, 76.422
Yxy	11.6834, 0.4427, 0.4231
Android (android.graphics.Color)	4286274089 (0xFF7B5A29)
YUV	94.2810, -26.2675, 25.1866
Hunter-Lab	34.1810, 4.0237, 17.4937

Details

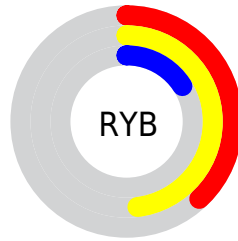
The Hex color **7B5A29** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **294A7B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B28C58**, and **472D00** is the 20% darker color. If you saturate the color by 10%, you get **7B551D**, and if you desaturate by 10%, it is **7B5F35**.

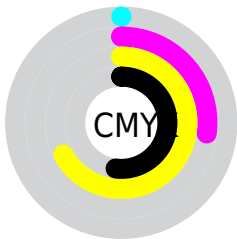
Distribution



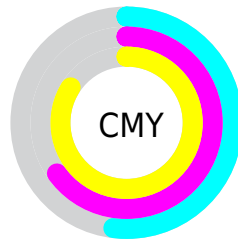
- Red (48%)
- Green (35%)
- Blue (16%)



- Red (38%)
- Yellow (48%)
- Blue (16%)



- Cyan (0%)
- Magenta (27%)
- Yellow (67%)
- Black (52%)



- Cyan (52%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5A29 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 7B5A29 by changing the saturation by 10% instead.



7B5A29



7B5A29

FFFFFF



604312



B28C58



472D00



CFA671



2E1800



ECC18B



150000



FFDDA6



000000



FFFAC1



FFFFDD



FFFFFFA



7B5A29



7B5A29

■ 7B551D

■ 7B5F35

■ 7B5010

■ 7B6442

■ 7B4B04

■ 7B694E

■ 7B4A00

■ 7B6E5A

■ 7B7367

■ 7B7873

■ 7B7D7F

■ 7B828B

■ 7B8798

Harmonies

Analogous

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



8D5039



7B5A29



616328

Triad

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



7B5A29



006E6F



755386

Complementary

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



7B5A29



294A7B

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.



4D5E95



7B5A29



006C87

Square

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



7B5A29



0E6D52



006796



8D4A6E

Rectangle

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



7B5A29



4D6832



006796



6A568D

Sweetspot

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



7B5A29



A19481



7B294B



524A3E



D1D1D1



525252

Same Dimension

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



7B5A29



A16D20



747B29



3D3B37



7D4B00



FC9700

Inverse Universe

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



294A7B



2054A1



30297B



373A3D



00327D



0066FC

Previews

White Background



This preview shows how the Hex color 7B5A29 looks on a white background.

Color Contrast Check

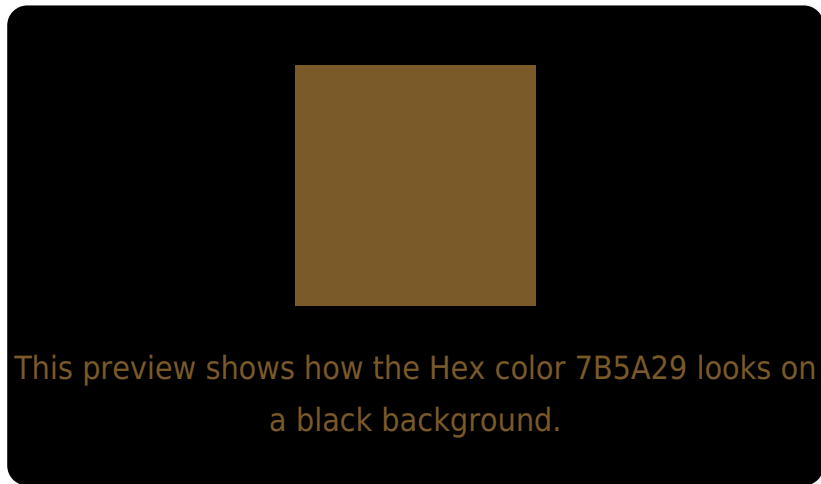
Large Text (above 18pt) WCAG AA ✓ Pass

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

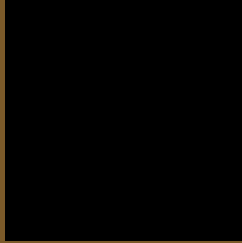
Any Text WCAG AA × Fail

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 7B5A29 Background



This preview shows how black text looks on a background with the Hex color 7B5A29.



This preview shows how white text looks on a background with the Hex color 7B5A29.

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
7B5A29

Protanopia
6B602B

Deuteranopia
785C29



Tritanopia
7F555B

Trichromacy



Original Color
7B5A29

Protanomaly
715E2A

Deuteranomaly
795B29

Tritanomaly
7E5749

Monochromacy



Original Color
7B5A29

Achromatopsia
5E5E5E

Achromatomaly
695D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5A29 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 #7B5A29 looks like.

```
.text, #text, p{  
    color:#7B5A29  
}
```

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 #7B5A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5A29
}
```

Border

The CSS property to change the border of an element to Hex 7B5A29 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
#7B5A29 }
```

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

```
.border{ border-color:#7B5A29 }
```

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

Here you see how a box with a 4 pixel #7B5A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5A29; -webkit-box-shadow:4px 4px  
4px 4px #7B5A29; box-shadow:4px 4px 4px  
4px #7B5A29 }
```

Background

The CSS property to change the background color of an element to Hex 7B5A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5A29 }
```

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

```
.background{ background-color:#7B5A29 }
```

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