

Converting Colors

Hex(7A5729)

Have a look what the booklet for
Hex(7A5729) contains.

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Color

Hex(7A5729)

Conversions

Conversions Part 1

Format	Color
Hex	7A5729
RGB	122, 87, 41
RGB Percent	48%, 34%, 16%
CMY	0.5216, 0.6588, 0.8392
CMYK	0.00, 0.29, 0.66, 0.52
HSL	34°, 50%, 32%
HSV	34°, 66%, 48%
XYZ	11.8345, 11.1141, 3.6193
YIQ	92.2210, 35.6260, -6.8860

Conversions

Conversions Part 2

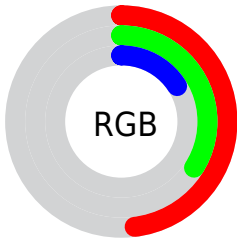
Format	Color
R_{YB}	103, 122, 41
Decimal	8017705
CIE _{Lab}	39.77, 9.28, 31.85
CIE _{LCh}	40, 33.176, 73.760
Yxy	11.1141, 0.4454, 0.4183
Android (android.graphics.Color)	4286207785 (0xFF7A5729)
YUV	92.2210, -25.2520, 26.1162
Hunter-Lab	33.3378, 5.0241, 16.8996

Details

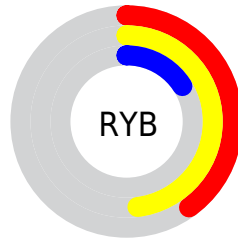
The Hex color **7A5729** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **294C7A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B18958**, and **462A00** is the 20% darker color. If you saturate the color by 10%, you get **7A521D**, and if you desaturate by 10%, it is **7A5C35**.

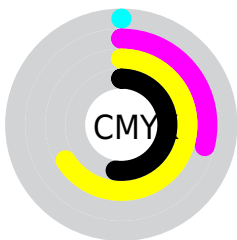
Distribution



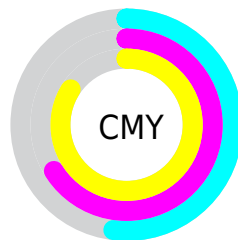
- Red (48%)
- Green (34%)
- Blue (16%)



- Red (40%)
- Yellow (48%)
- Blue (16%)



- Cyan (0%)
- Magenta (29%)
- Yellow (66%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A5729 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 7A5729 by changing the saturation by 10% instead.



7A5729



7A5729

FFFFFF



5F4012



B18958



462A00



CDA371



2D1500



EBBE8B



130000



FFDAA5



000000



FFF6C1



FFFFDD



FFFFFFA



7A5729



7A5729

■ 7A521D

■ 7A5C35

■ 7A4C11

■ 7A6241

■ 7A4704

■ 7A674E

■ 7A4500

■ 7A6C5A

■ 7A7166

■ 7A7772

■ 7A7C7E

■ 7A818B

■ 7A8697

Harmonies

Analogous

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



8B4D39



7A5729



626027

Triad

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



7A5729



006B6A



705285

Complementary

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



7A5729



294C7A

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.



475C92



7A5729



006A82

Square

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



7A5729



166A4E



006591



88496E

Rectangle

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



7A5729



4E652F



006591



64558B

Sweetspot

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



7A5729



9E907E



7A294C



4F473C



CFCFCF



4F4F4F

Same Dimension

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



7A5729



9E6720



757A29



3D3B37



7D4700



FC8F00

Inverse Universe

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



294C7A



20569E



2E297A



373A3D



00367D



006DFC

Previews

White Background



This preview shows how the Hex color 7A5729 looks on a white background.

Color Contrast Check

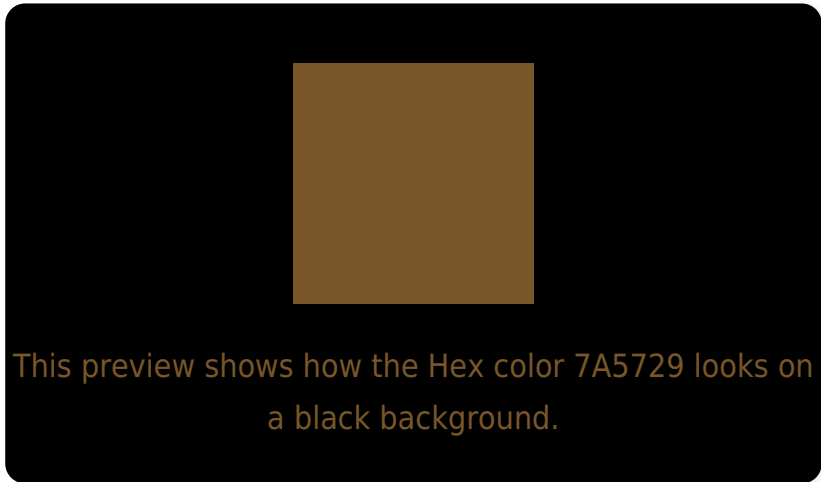
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A5729 Background



This preview shows how black text looks on a background with the Hex color 7A5729.



This preview shows how white text looks on a background with the Hex color 7A5729.

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
7A5729

Protanopia
685E2B

Deuteranopia
755928



Tritanopia
7D5258

Trichromacy



Original Color
7A5729

Protanomaly
6F5B2A

Deuteranomaly
775828

Tritanomaly
7C5447

Monochromacy



Original Color
7A5729

Achromatopsia
5C5C5C

Achromatomaly
675A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A5729 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 #7A5729 looks like.

```
.text, #text, p{  
    color:#7A5729  
}
```

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 #7A5729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5729
}
```

Border

The CSS property to change the border of an element to Hex 7A5729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

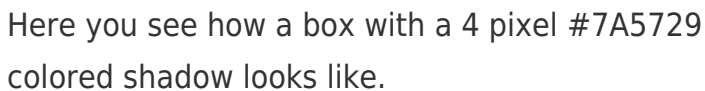
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A5729 }
```

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

```
.border{ border-color:#7A5729 }
```

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



Here you see how a box with a 4 pixel #7A5729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5729; -webkit-box-shadow:4px 4px  
4px 4px #7A5729; box-shadow:4px 4px 4px  
4px #7A5729 }
```

Background

The CSS property to change the background color of an element to Hex 7A5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5729 }
```

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

```
.background{ background-color:#7A5729 }
```

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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