

Converting Colors

Hex(7D5228)

Have a look what the booklet for
Hex(7D5228) contains.

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Color

Hex(7D5228)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 7D5228 |
| RGB | 125, 82, 40 |
| RGB Percent | 49%, 32%, 16% |
| CMY | 0.5098, 0.6784, 0.8431 |
| CMYK | 0.00, 0.34, 0.68, 0.51 |
| HSL | 30°, 52%, 32% |
| HSV | 30°, 68%, 49% |
| XYZ | 11.8577, 10.5478, 3.4184 |
| YIQ | 90.0690, 39.1100, -3.9460 |

Conversions

Conversions Part 2

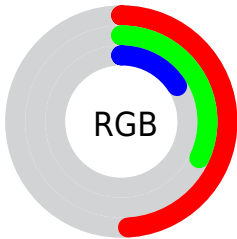
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 125, 123, 40 |
| Decimal | 8213032 |
| CIE _{Lab} | 38.81, 13.60, 31.40 |
| CIE _{LCh} | 39, 34.220, 66.590 |
| Yxy | 10.5478, 0.4592, 0.4084 |
| Android (android.graphics.Color) | 4286403112 (0xFF7D5228) |
| YUV | 90.0690, -24.6840, 30.6345 |
| Hunter-Lab | 32.4773, 8.3366, 16.4935 |

Details

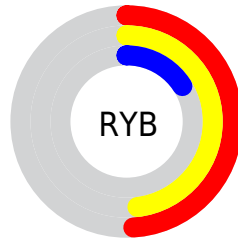
The Hex color **7D5228** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **28537D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B58357**, and **492500** is the 20% darker color. If you saturate the color by 10%, you get **7D4C1B**, and if you desaturate by 10%, it is **7D5835**.

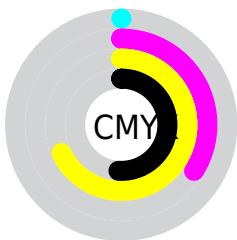
Distribution



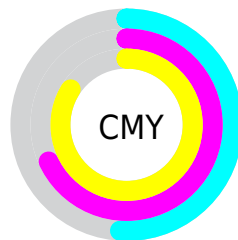
- Red (49%)
- Green (32%)
- Blue (16%)



- Red (49%)
- Yellow (48%)
- Blue (16%)



- Cyan (0%)
- Magenta (34%)
- Yellow (68%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D5228 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 7D5228 by changing the saturation by 10% instead.

 7D5228

 7D5228

FFFFFF

 623B12

 B58357

 492500

 D19E70

 2F1100

 EFB989

 130000

 FFD4A4

 000000

 FFF1BF

 FFFFDB

 FFFFF8

 7D5228

 7D5228

■ 7D4C1B

■ 7D5835

■ 7D450F

■ 7D5F41

■ 7D3F03

■ 7D654E

■ 7D3E00

■ 7D6B5A

■ 7D7267

■ 7D7873

■ 7D7E80

■ 7D858C

■ 7D8B99

Harmonies

Analogous

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



8C483C



7D5228



665C22

Triad

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



7D5228



006961



655288

Complementary

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



7D5228



28537D

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.



355C92



7D5228



00687C

Square

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



7D5228



1F6844



00648E



824772

Rectangle

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



7D5228



536127



00648E



58558D

Sweetspot

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



7D5228



A39383



7D2854



52483E



D1D1D1



525252

Same Dimension

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



7D5228



A3601D



7D7C28



403D39



803F00



000000

Inverse Universe

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



28537D



1D61A3



28297D



393D40



004180



000000

Previews

White Background



This preview shows how the Hex color 7D5228 looks on a white background.

Color Contrast Check

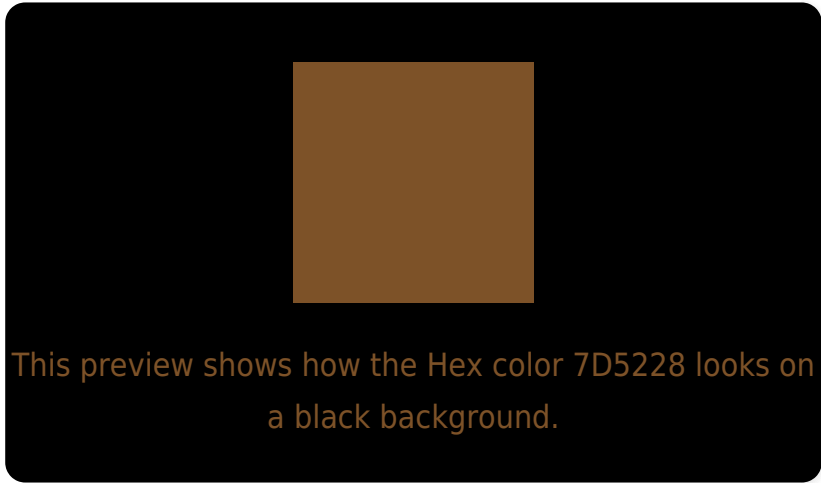
Large Text (above 18pt) WCAG AA ✓ Pass

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

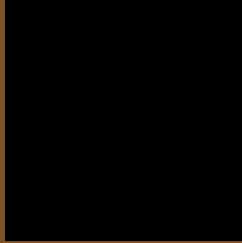
Any Text WCAG AA × Fail

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 7D5228 Background



This preview shows how black text looks on a background with the Hex color 7D5228.



This preview shows how white text looks on a background with the Hex color 7D5228.

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
7D5228

Protanopia
665C2B

Deuteranopia
725727



Tritanopia
804D53

Trichromacy



Original Color
7D5228

Protanomaly
6E582A

Deuteranomaly
765527

Tritanomaly
7F4F43

Monochromacy



Original Color
7D5228

Achromatopsia
5A5A5A

Achromatomaly
675748

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D5228 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 #7D5228 looks like.

```
.text, #text, p{  
    color:#7D5228  
}
```

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 #7D5228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5228
}
```

Border

The CSS property to change the border of an element to Hex 7D5228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

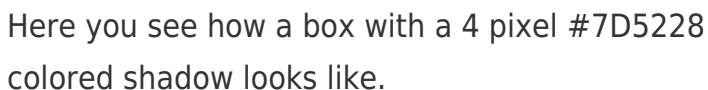
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D5228 }
```

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

```
.border{ border-color:#7D5228 }
```

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



Here you see how a box with a 4 pixel #7D5228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5228; -webkit-box-shadow:4px 4px  
4px 4px #7D5228; box-shadow:4px 4px 4px  
4px #7D5228 }
```

Background

The CSS property to change the background color of an element to Hex 7D5228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5228 }
```

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

```
.background{ background-color:#7D5228 }
```

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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