

Converting Colors

Hex(7D5237)

Have a look what the booklet for
Hex(7D5237) contains.

Hex(7D5237)	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(7D5237)

Conversions

Conversions Part 1

Format	Color
Hex	7D5237
RGB	125, 82, 55
RGB Percent	49%, 32%, 22%
CMY	0.5098, 0.6784, 0.7843
CMYK	0.00, 0.34, 0.56, 0.51
HSL	23°, 39%, 35%
HSV	23°, 56%, 49%
XYZ	12.1643, 10.6704, 5.0329
YIQ	91.7790, 34.2950, 0.7190

Conversions

Conversions Part 2

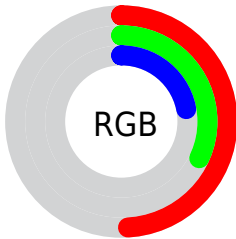
Format	Color
R_{YB}	125, 99, 55
Decimal	8213047
CIE _{Lab}	39.02, 14.82, 23.09
CIE _{LCh}	39, 27.432, 57.303
Yxy	10.6704, 0.4365, 0.3829
Android (android.graphics.Color)	4286403127 (0xFF7D5237)
YUV	91.7790, -18.1320, 29.1348
Hunter-Lab	32.6656, 9.3068, 13.7309

Details

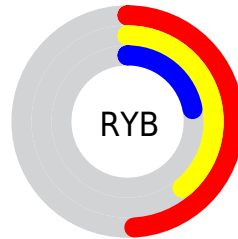
The Hex color **7D5237** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **37627D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B48466**, and **49250B** is the 20% darker color. If you saturate the color by 10%, you get **7D4A2B**, and if you desaturate by 10%, it is **7D5A44**.

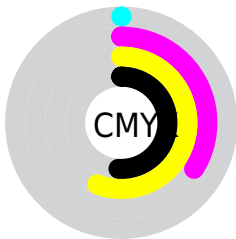
Distribution



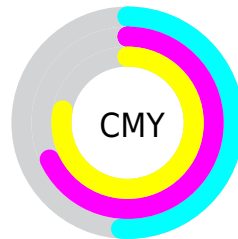
- Red (49%)
- Green (32%)
- Blue (22%)



- Red (49%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (34%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D5237 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 7D5237 by changing the saturation by 10% instead.



7D5237



7D5237

FFFFFF



633B21



B48466



49250B



D09E80



301000



EDB99A



170000



FFD4B4



000000



FFF1D0



FFFEC



7D5237



7D5237



7D4A2B



7D5A44

■ 7D431E

■ 7D6150

■ 7D3B12

■ 7D695D

■ 7D3305

■ 7D7169

■ 7D3000

■ 7D7876

■ 7D8082

■ 7D888F

■ 7D8F9B

■ 7D97A8

Harmonies

Analogous

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



864C49



7D5237



6C5A2F

Triad

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



7D5237



166759



5B5783

Complementary

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



7D5237



37627D

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.



355F88



7D5237



006770

Square

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



7D5237



3A6543



006481



764F74

Rectangle

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



7D5237



5D5F30



006481



505A86

Sweetspot

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



7D5237



A39287



7D3762



524841



D1D1D1



525252

Same Dimension

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



7D5237



A36036



7D7537



403C39



803100



000000

Inverse Universe

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



37627D



3679A3



373F7D



393D40



004E80



000000

Previews

White Background



This preview shows how the Hex color 7D5237 looks on a white background.

Color Contrast Check

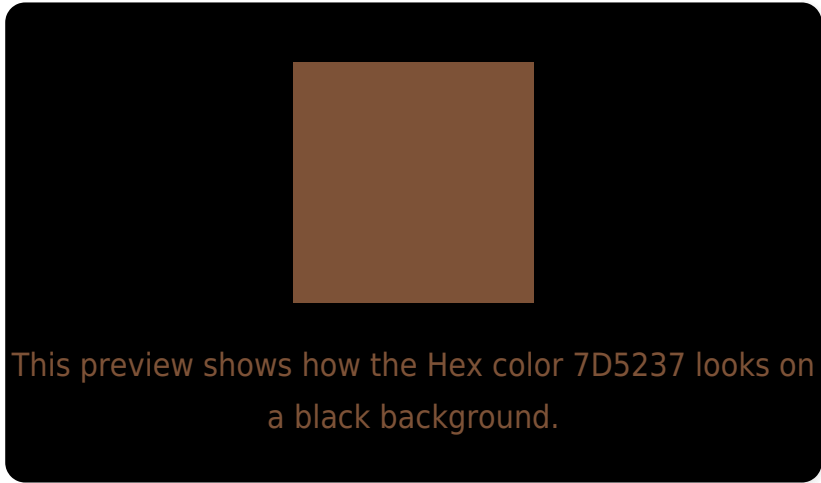
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D5237 Background



This preview shows how black text looks on a background with the Hex color 7D5237.



This preview shows how white text looks on a background with the Hex color 7D5237.

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
7D5237

Protanopia
645C3B

Deuteranopia
705836



Tritanopia
7F4E54

Trichromacy



Original Color
7D5237

Protanomaly
6D583A

Deuteranomaly
755636

Tritanomaly
7E4F49

Monochromacy



Original Color
7D5237

Achromatopsia
5C5C5C

Achromatomaly
68584F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D5237 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 #7D5237 looks like.

```
.text, #text, p{  
    color:#7D5237  
}
```

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 #7D5237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5237
}
```

Border

The CSS property to change the border of an element to Hex 7D5237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

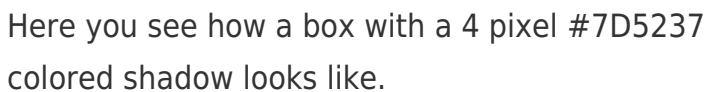
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D5237 }
```

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

```
.border{ border-color:#7D5237 }
```

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



Here you see how a box with a 4 pixel #7D5237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5237; -webkit-box-shadow:4px 4px  
4px 4px #7D5237; box-shadow:4px 4px 4px  
4px #7D5237 }
```

Background

The CSS property to change the background color of an element to Hex 7D5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5237 }
```

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

```
.background{ background-color:#7D5237 }
```

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