

Converting Colors

Hex(7E7E2A)

Have a look what the booklet for
Hex(7E7E2A) contains.

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Color

Hex(7E7E2A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7E7E2A |
| RGB | 126, 126, 42 |
| RGB Percent | 49%, 49%, 16% |
| CMY | 0.5059, 0.5059, 0.8353 |
| CMYK | 0.00, 0.00, 0.67, 0.51 |
| HSL | 60°, 50%, 33% |
| HSV | 60°, 67%, 49% |
| XYZ | 16.4830, 19.5245, 5.0903 |
| YIQ | 116.4240, 26.9640, -26.1240 |

Conversions

Conversions Part 2

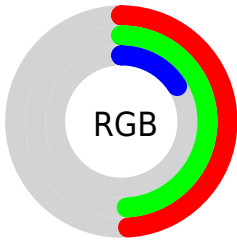
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 42, 126, 42 |
| Decimal | 8289834 |
| CIE _{Lab} | 51.30, -11.24, 43.98 |
| CIE _{LCh} | 51, 45.391, 104.335 |
| Yxy | 19.5245, 0.4011, 0.4751 |
| Android (android.graphics.Color) | 4286479914 (0xFF7E7E2A) |
| YUV | 116.4240, -36.6910, 8.3982 |
| Hunter-Lab | 44.1865, -10.7404, 24.1003 |

Details

The Hex color **7E7E2A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2A2A7E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B5B25C**, and **4A4D00** is the 20% darker color. If you saturate the color by 10%, you get **7E7E1D**, and if you desaturate by 10%, it is **7E7E37**.

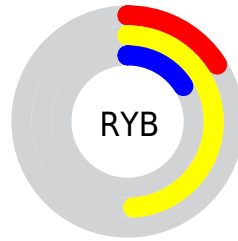
Distribution



Red (49%)

Green (49%)

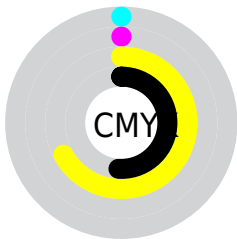
Blue (16%)



Red (16%)

Yellow (49%)

Blue (16%)

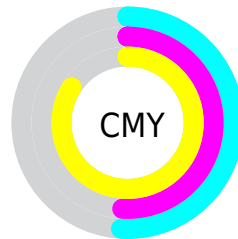


Cyan (0%)

Magenta (0%)

Yellow (67%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E7E2A 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 7E7E2A by changing the saturation by 10% instead.



7E7E2A



7E7E2A

FFFFFF



64650F



B5B25C



4A4D00



D1CE76



313700



EEEA90



192100



FFFFAC



000900



FFFFC7



000000



FFFFE4



7E7E2A



7E7E2A



7E7E1D



7E7E37

■ 7E7E11

■ 7E7E43

■ 7E7E04

■ 7E7E50

■ 7E7E00

■ 7E7E5C

■ 7E7E69

■ 7E7E76

■ 7E7E82

■ 7E7E8F

■ 7E7E9B

Harmonies

Analogous

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



A1712D



7E7E2A



528740

Triad

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



7E7E2A



008BAF



B75B90

Complementary

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



7E7E2A



2A2A7E

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.



9568B2



7E7E2A



0084C5

Square

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



7E7E2A



008D8C



5778C5



C25869

Rectangle

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



7E7E2A



278B57



5778C5



AE5F9D

Sweetspot

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



7E7E2A



A3A383



7E2A2A



52523E



D1D1D1



525252

Same Dimension

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



7E7E2A



A3A321



547E2A



404039



808000



000000

Inverse Universe

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



2A2A7E



2121A3



542A7E



393940



000080



000000

Previews

White Background



This preview shows how the Hex color 7E7E2A looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

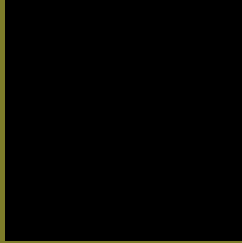
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7E7E2A Background



This preview shows how black text looks on a background with the Hex color 7E7E2A.



This preview shows how white text looks on a background with the Hex color 7E7E2A.

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
7E7E2A

Protanopia
897A29

Deuteranopia
98742D



Tritanopia
86767F

Trichromacy



Original Color
7E7E2A

Protanomaly
857B29

Deuteranomaly
8F782C

Tritanomaly
837960

Monochromacy



Original Color
7E7E2A

Achromatopsia
747474

Achromatomaly
787859

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E7E2A 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 #7E7E2A looks like.

```
.text, #text, p{  
    color:#7E7E2A  
}
```

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 #7E7E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7E2A
}
```

Border

The CSS property to change the border of an element to Hex 7E7E2A 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
#7E7E2A }
```

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

```
.border{ border-color:#7E7E2A }
```

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

Here you see how a box with a 4 pixel #7E7E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7E2A; -webkit-box-shadow:4px 4px  
4px 4px #7E7E2A; box-shadow:4px 4px 4px  
4px #7E7E2A }
```

Background

The CSS property to change the background color of an element to Hex 7E7E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7E2A }
```

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

```
.background{ background-color:#7E7E2A }
```

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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