

Converting Colors

Hex(7E842B)

Have a look what the booklet for
Hex(7E842B) contains.

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Color

Hex(7E842B)

Conversions

Conversions Part 1

Format	Color
Hex	7E842B
RGB	126, 132, 43
RGB Percent	49%, 52%, 17%
CMY	0.5059, 0.4824, 0.8314
CMYK	0.05, 0.00, 0.67, 0.48
HSL	64°, 51%, 34%
HSV	64°, 67%, 52%
XYZ	17.2915, 21.1126, 5.4493
YIQ	120.0600, 24.9930, -28.9510

Conversions

Conversions Part 2

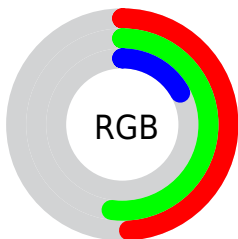
Format	Color
R_{YB}	43, 132, 49
Decimal	8291371
CIE _{Lab}	53.07, -14.41, 45.39
CIE _{LCh}	53, 47.620, 107.617
Yxy	21.1126, 0.3943, 0.4814
Android (android.graphics.Color)	4286481451 (0xFF7E842B)
YUV	120.0600, -37.9906, 5.2094
Hunter-Lab	45.9484, -13.2359, 25.1324

Details

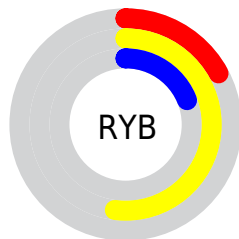
The Hex color **7E842B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **312B84**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B5B95E**, and **4A5300** is the 20% darker color. If you saturate the color by 10%, you get **7D841E**, and if you desaturate by 10%, it is **7F8438**.

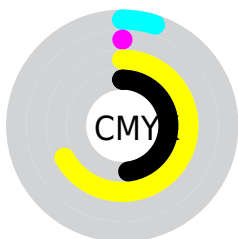
Distribution



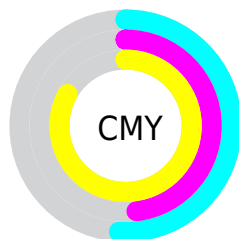
- Red (49%)
- Green (52%)
- Blue (17%)



- Red (17%)
- Yellow (52%)
- Blue (19%)



- Cyan (5%)
- Magenta (0%)
- Yellow (67%)
- Black (48%)



- Cyan (51%)
- Magenta (48%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E842B 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 7E842B by changing the saturation by 10% instead.

 7E842B

 7E842B


FFFFFF

 646B0F

 B5B95E

 4A5300

 D1D578

 313C00

 EEF192

 182600

 FFFFAD

 001300

 FFFFC9

 000000

 FFFFE6

 7E842B

 7E842B

 7D841E

 7F8438

■ 7C8411

■ 808445

■ 7B8403

■ 818453

■ 7B8400

■ 828460

■ 82846D

■ 83847A

■ 848487

■ 858495

■ 8684A2

Harmonies

Analogous

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



A4772B



7E842B



4E8D45

Triad

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



7E842B



0090BA



C15C91

Complementary

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



7E842B



312B84

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.



A06AB6



7E842B



0088CE

Square

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



7E842B



009396



627BCD



CA5B68

Rectangle

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



7E842B



16915E



627BCD



B9609F

Sweetspot

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



7E842B



A9AB89



84312B



555742



D6D6D6



575757

Same Dimension

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



7E842B



A2AB20



52842B



42423C



798200



020300

Inverse Universe

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



312B84



2A20AB



5D2B84



3C3C42



090082



000003

Previews

White Background



This preview shows how the Hex color 7E842B looks on a white background.

Color Contrast Check

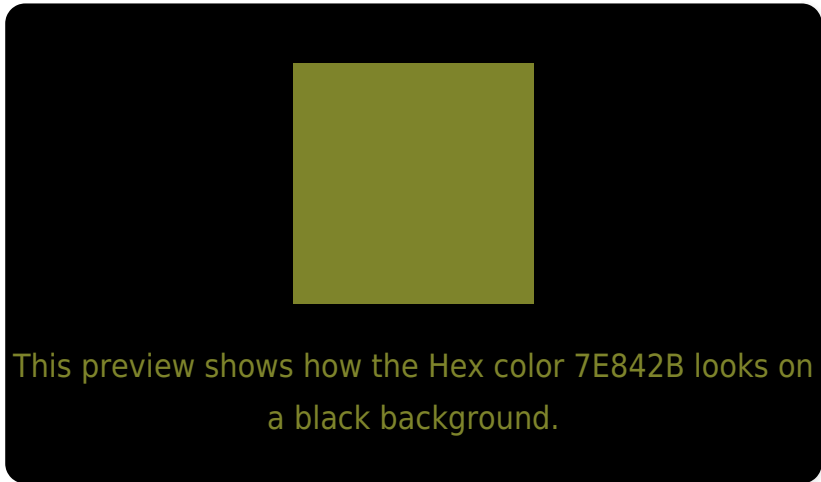
Large Text (above 18pt) WCAG AA ✓ Pass

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

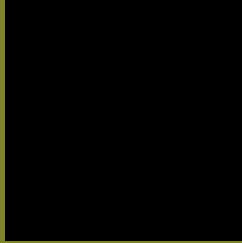
Any Text WCAG AA ✓ Pass

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 7E842B Background



This preview shows how black text looks on a background with the Hex color 7E842B.



This preview shows how white text looks on a background with the Hex color 7E842B.

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





Tritanopia
877B85

Trichromacy



Original Color
7E842B

Protanomaly
88812A

Deuteranomaly
927C2E

Tritanomaly
847E64

Monochromacy



Original Color
7E842B

Achromatopsia
787878

Achromatomaly
7A7C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E842B 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 #7E842B looks like.

```
.text, #text, p{  
    color:#7E842B  
}
```

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 #7E842B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E842B
}
```

Border

The CSS property to change the border of an element to Hex 7E842B 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
#7E842B }
```

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

```
.border{ border-color:#7E842B }
```

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

Here you see how a box with a 4 pixel #7E842B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E842B; -webkit-box-shadow:4px 4px  
4px 4px #7E842B; box-shadow:4px 4px 4px  
4px #7E842B }
```

Background

The CSS property to change the background color of an element to Hex 7E842B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E842B }
```

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

```
.background{ background-color:#7E842B }
```

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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