

Converting Colors

Hex(7E7237)

Have a look what the booklet for
Hex(7E7237) contains.

Hex(7E7237)	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(7E7237)

Conversions

Conversions Part 1

Format	Color
Hex	7E7237
RGB	126, 114, 55
RGB Percent	49%, 45%, 22%
CMY	0.5059, 0.5529, 0.7843
CMYK	0.00, 0.10, 0.56, 0.51
HSL	50°, 39%, 35%
HSV	50°, 56%, 49%
XYZ	15.3111, 16.7461, 6.0398
YIQ	110.8620, 26.0910, -15.8050

Conversions

Conversions Part 2

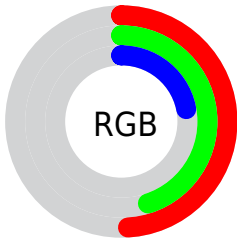
Format	Color
RYB	69, 126, 55
Decimal	8286775
CIELab	47.94, -3.54, 33.96
CIELCh	48, 34.148, 95.951
Yxy	16.7461, 0.4019, 0.4396
Android (android.graphics.Color)	4286476855 (0xFF7E7237)
YUV	110.8620, -27.5400, 13.2760
Hunter-Lab	40.9220, -4.8271, 19.8946

Details

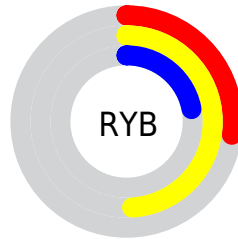
The Hex color **7E7237** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37437E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B4A668**, and **4B4207** is the 20% darker color. If you saturate the color by 10%, you get **7E702A**, and if you desaturate by 10%, it is **7E7444**.

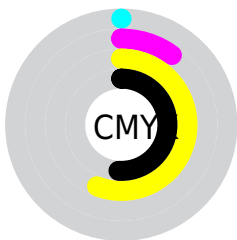
Distribution



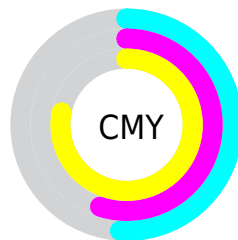
- Red (49%)
- Green (45%)
- Blue (22%)



- Red (27%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (10%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E7237 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 7E7237 by changing the saturation by 10% instead.

 7E7237

 7E7237

FFFFFF

 645A20

 B4A668

 4B4207

 D1C181

 332C00

 EDDD9C

 1B1800

 FFF9B7

 000000

 FFFFD3

 FFFFEE

 7E7237

 7E7237

 7E702A

 7E7444

 7E6E1E

 7E7650

 7E6C11

 7E785D

 7E6905

 7E7B69

 7E6900

 7E7D76

 7E7F83

 7E818F

 7E839C

 7E85A8

Harmonies

Analogous

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



96683D



7E7237



5F7A42

Triad

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



7E7237



008093



9A5E8A

Complementary

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



7E7237



37437E

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.



7C68A0



7E7237



007BA6

Square

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



7E7237



008177



4D73AB



A85A6D

Rectangle

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



7E7237



487E50



4D73AB



926192

Sweetspot

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



7E7237



A39F87



7E3744



524F41



D1D1D1



525252

Same Dimension

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



7E7237



A39034



687E37



403F39



806A00



000000

Inverse Universe

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



37437E



3447A3



4D377E



393A40



001680



000000

Previews

White Background



This preview shows how the Hex color 7E7237 looks on a white background.

Color Contrast Check

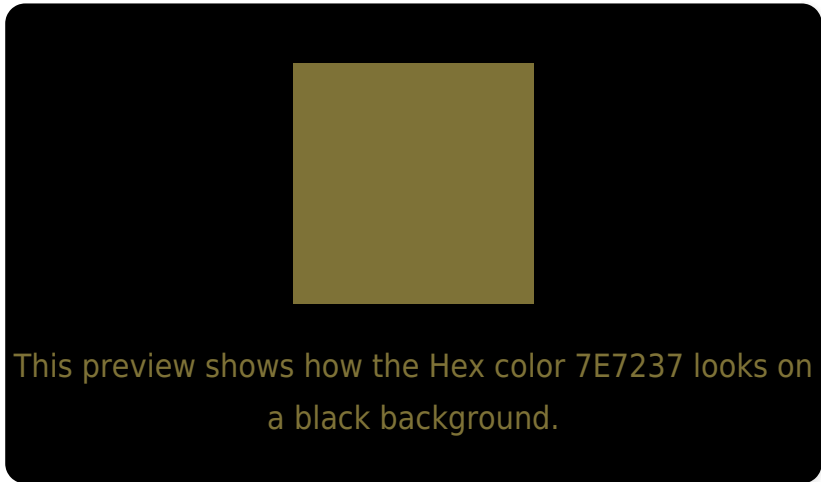
Large Text (above 18pt) WCAG AA ✓ Pass

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

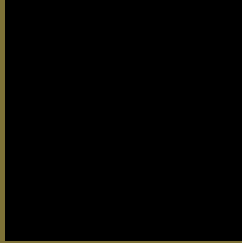
Any Text WCAG AA × Fail

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 7E7237 Background



This preview shows how black text looks on a background with the Hex color 7E7237.



This preview shows how white text looks on a background with the Hex color 7E7237.

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
7E7237

Protanopia
7E7237

Deuteranopia
8C6C38



Tritanopia
846B74

Trichromacy



Original Color
7E7237

Protanomaly
7E7237

Deuteranomaly
876E38

Tritanomaly
826E5E

Monochromacy



Original Color
7E7237

Achromatopsia
6F6F6F

Achromatomaly
74705B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E7237 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 #7E7237 looks like.

```
.text, #text, p{  
    color:#7E7237  
}
```

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 #7E7237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7237
}
```

Border

The CSS property to change the border of an element to Hex 7E7237 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
#7E7237 }
```

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

```
.border{ border-color:#7E7237 }
```

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

Here you see how a box with a 4 pixel #7E7237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7237; -webkit-box-shadow:4px 4px  
4px 4px #7E7237; box-shadow:4px 4px 4px  
4px #7E7237 }
```

Background

The CSS property to change the background color of an element to Hex 7E7237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7237 }
```

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

```
.background{ background-color:#7E7237 }
```

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