

Converting Colors

Hex(7A7256)

Have a look what the booklet for
Hex(7A7256) contains.

Hex(7A7256)	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(7A7256)

Conversions

Conversions Part 1

Format	Color
Hex	7A7256
RGB	122, 114, 86
RGB Percent	48%, 45%, 34%
CMY	0.5216, 0.5529, 0.6627
CMYK	0.00, 0.07, 0.30, 0.52
HSL	47°, 17%, 41%
HSV	47°, 30%, 48%
XYZ	15.7231, 16.8441, 11.2266
YIQ	113.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

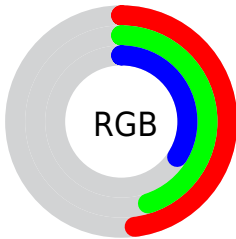
Format	Color
RYB	96, 122, 86
Decimal	8024662
CIELab	48.06, -1.66, 16.67
CIELCh	48, 16.752, 95.682
Yxy	16.8441, 0.3590, 0.3846
Android (android.graphics.Color)	4286214742 (0xFF7A7256)
YUV	113.2000, -13.4096, 7.7176
Hunter-Lab	41.0416, -3.4391, 12.5107

Details

The Hex color **7A7256** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **565E7A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AFA688**, and **494228** is the 20% darker color. If you saturate the color by 10%, you get **7A6F4A**, and if you desaturate by 10%, it is **7A7562**.

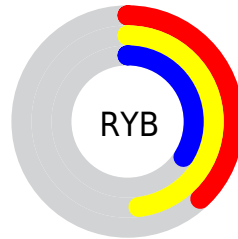
Distribution



Red (48%)

Green (45%)

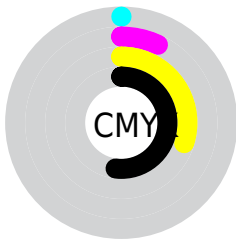
Blue (34%)



Red (38%)

Yellow (48%)

Blue (34%)

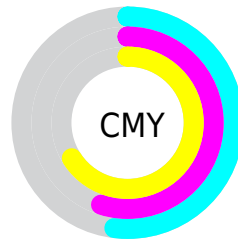


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7256 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 7A7256 by changing the saturation by 10% instead.



7A7256



7A7256

FFFFFF



615A3F



AFA688



494228



CAC1A2



322C14



E7DDBD



1D1800



FFF9D9



000000



FFFFF6



7A7256



7A7256



7A6F4A



7A7562



7A6D3E



7A776E

 7A6A31

 7A7A7B

 7A6725

 7A7D87

 7A6419

 7A8093

 7A620D

 7A829F

 7A5F01

 7A85AB

 7A5F00

 7A88B8

 7A8AC4

Harmonies

Analogous

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



876D59



7A7256



6A765B

Triad

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



7A7256



4A7982



876A7E

Complementary

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



7A7256



565E7A

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.



786E89



7A7256



53778B

Square

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



7A7256



4E7A74



65728E



8E6870

Rectangle

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



7A7256



607862



65728E



826B82

Sweetspot

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



7A7256



9E9B90



7A565E



4F4D46



CFCFCF



4F4F4F

Same Dimension

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



7A7256



9E9267



707A56



3D3C37



7D6100



FCC400

Inverse Universe

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



565E7A



67739E



60567A



37383D



001C7D



0038FC

Previews

White Background



This preview shows how the Hex color 7A7256 looks on a white background.

Color Contrast Check

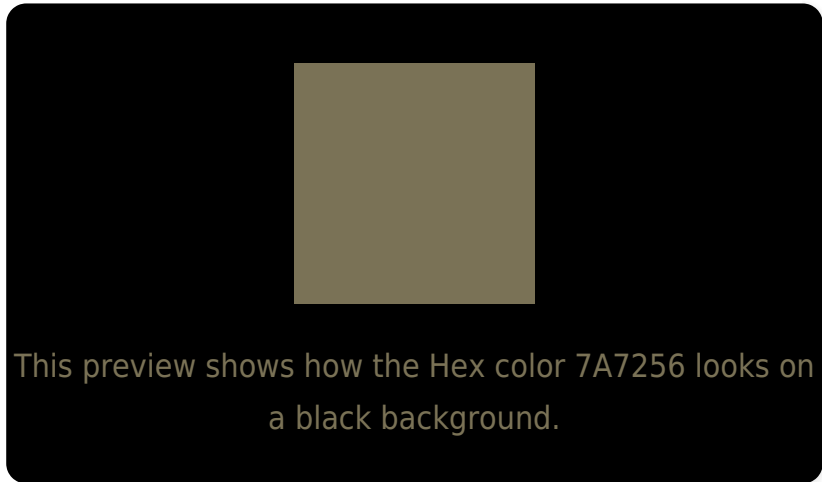
Large Text (above 18pt) WCAG AA ✓ Pass

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

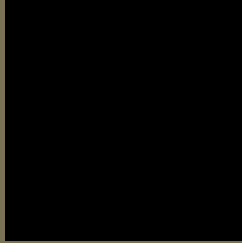
Any Text WCAG AA × Fail

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 7A7256 Background



This preview shows how black text looks on a background with the Hex color 7A7256.



This preview shows how white text looks on a background with the Hex color 7A7256.

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

7A7256

Protanopia

7A7256

Deuteranopia

866D57



Tritanopia
7E6E76

Trichromacy



Original Color
7A7256

Protanomaly
7A7256

Deuteranomaly
826F57

Tritanomaly
7D6F6A

Monochromacy



Original Color
7A7256

Achromatopsia
717171

Achromatomaly
747167

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7256 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 #7A7256 looks like.

```
.text, #text, p{  
    color:#7A7256  
}
```

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 #7A7256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7256
}
```

Border

The CSS property to change the border of an element to Hex 7A7256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

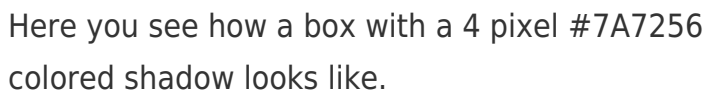
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7256 }
```

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

```
.border{ border-color:#7A7256 }
```

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



Here you see how a box with a 4 pixel #7A7256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7256; -webkit-box-shadow:4px 4px  
4px 4px #7A7256; box-shadow:4px 4px 4px  
4px #7A7256 }
```

Background

The CSS property to change the background color of an element to Hex 7A7256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7256 }
```

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

```
.background{ background-color:#7A7256 }
```

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