

Converting Colors

Hex(7B7368)

Have a look what the booklet for
Hex(7B7368) contains.

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Color

Hex(7B7368)

Conversions

Conversions Part 1

Format	Color
Hex	7B7368
RGB	123, 115, 104
RGB Percent	48%, 45%, 41%
CMY	0.5176, 0.5490, 0.5922
CMYK	0.00, 0.07, 0.15, 0.52
HSL	35°, 8%, 45%
HSV	35°, 15%, 48%
XYZ	16.7978, 17.4719, 15.5838
YIQ	116.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

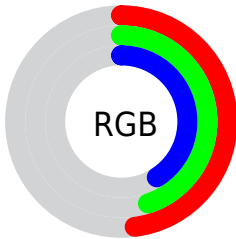
Format	Color
R_{YB}	118, 123, 104
Decimal	8090472
CIE _{Lab}	48.85, 1.07, 7.19
CIE _{LCh}	49, 7.271, 81.545
Yxy	17.4719, 0.3369, 0.3505
Android (android.graphics.Color)	4286280552 (0xFF7B7368)
YUV	116.1380, -5.9840, 6.0180
Hunter-Lab	41.7994, -1.4157, 7.1549

Details

The Hex color **7B7368** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68707B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B0A79B**, and **4A4339** is the 20% darker color. If you saturate the color by 10%, you get **7B6E5C**, and if you desaturate by 10%, it is **7B7874**.

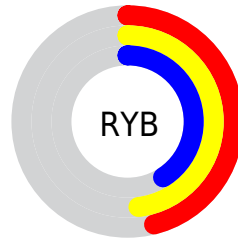
Distribution



Red (48%)

Green (45%)

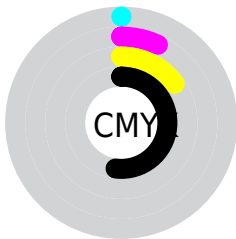
Blue (41%)



Red (46%)

Yellow (48%)

Blue (41%)

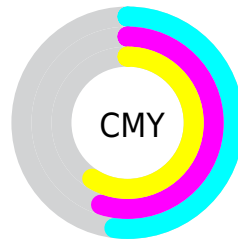


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7368 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 7B7368 by changing the saturation by 10% instead.

 7B7368

 7B7368

FFFFFF

 625A50


 B0A79B

 4A4339

 CBC2B6

 332D24

 E7DED2

 1E180E

 FFFAEE

 000000

 7B7368

 7B7368

 7B6E5C

 7B7874

 7B694F

 7B7D81

 7B6343

 7B838D

 7B5E37

 7B8899

 7B592A

 7B8DA6

 7B541E

 7B92B2

 7B4F12

 7B97BE

 7B4A06

 7B9CCA

 7B4700

 7BA2D7

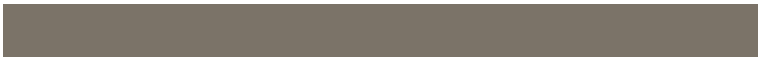
Harmonies

Analogous

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



80716B



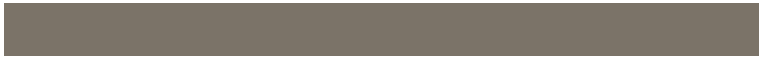
7B7368



747569

Triad

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



7B7368



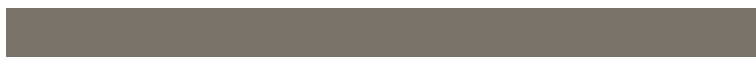
657878



7A717C

Complementary

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



7B7368



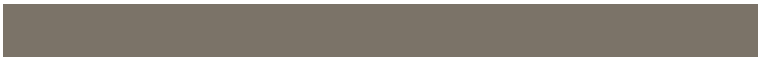
68707B

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.



73737F



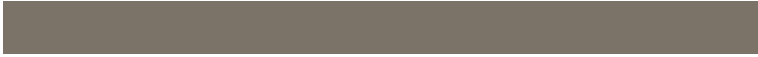
7B7368



66777D

Square

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



7B7368



677872



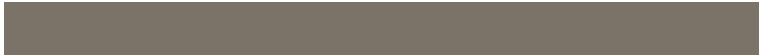
6C7580



807076

Rectangle

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



7B7368



70766B



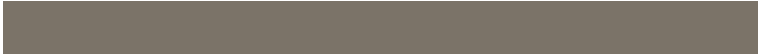
6C7580



78727D

Sweetspot

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



7B7368



A19D99



7B6870



52504D



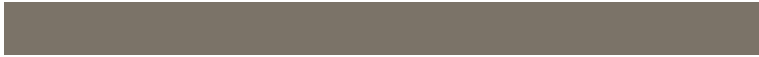
D1D1D1



525252

Same Dimension

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



7B7368



A19482



7A7B68



3D3B37



7D4800



FC9200

Inverse Universe

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



68707B



828FA1



69687B



373A3D



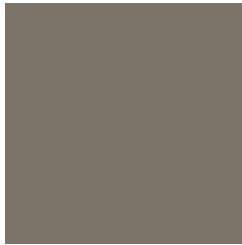
00357D



006AFC

Previews

White Background



This preview shows how the Hex color 7B7368 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

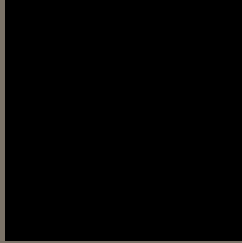
Any Text WCAG AA × Fail

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 7B7368 Background



This preview shows how black text looks on a background with the Hex color 7B7368.



This preview shows how white text looks on a background with the Hex color 7B7368.

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

7B7368

Protanopia

797468

Deuteranopia

837069



Tritanopia
7D7079

Trichromacy



Original Color
7B7368

Protanomaly
7A7468

Deuteranomaly
807169

Tritanomaly
7C7173

Monochromacy



Original Color
7B7368

Achromatopsia
747474

Achromatomaly
777470

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7368 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 #7B7368 looks like.

```
.text, #text, p{  
    color:#7B7368  
}
```

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 #7B7368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7368
}
```

Border

The CSS property to change the border of an element to Hex 7B7368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

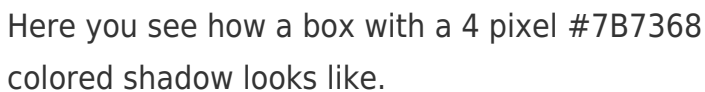
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7368 }
```

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

```
.border{ border-color:#7B7368 }
```

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



Here you see how a box with a 4 pixel #7B7368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7368; -webkit-box-shadow:4px 4px  
4px 4px #7B7368; box-shadow:4px 4px 4px  
4px #7B7368 }
```

Background

The CSS property to change the background color of an element to Hex 7B7368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7368 }
```

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

```
.background{ background-color:#7B7368 }
```

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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