

Converting Colors

Hex(7B7A76)

Have a look what the booklet for
Hex(7B7A76) contains.

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Color

Hex(7B7A76)

Conversions

Conversions Part 1

Format	Color
Hex	7B7A76
RGB	123, 122, 118
RGB Percent	48%, 48%, 46%
CMY	0.5176, 0.5216, 0.5373
CMYK	0.00, 0.01, 0.04, 0.52
HSL	48°, 2%, 47%
HSV	48°, 4%, 48%
XYZ	18.3979, 19.4380, 19.9218
YIQ	121.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

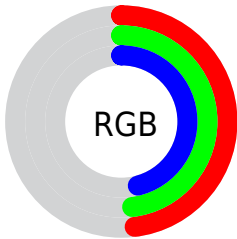
Format	Color
R_{YB}	119, 123, 118
Decimal	8092278
CIE Lab	51.20, -0.40, 2.31
CIE LCh	51, 2.349, 99.921
Yxy	19.4380, 0.3185, 0.3365
Android (android.graphics.Color)	4286282358 (0xFF7B7A76)
YUV	121.8430, -1.8946, 1.0147
Hunter-Lab	44.0886, -2.6679, 4.0713

Details

The Hex color **7B7A76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76777B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AFAEAA**, and **4A4946** is the 20% darker color. If you saturate the color by 10%, you get **7B786A**, and if you desaturate by 10%, it is **7B7C82**.

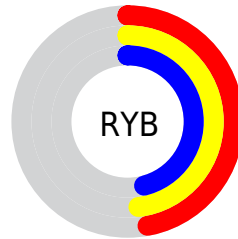
Distribution



Red (48%)

Green (48%)

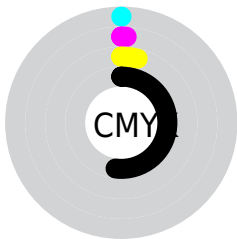
Blue (46%)



Red (47%)

Yellow (48%)

Blue (46%)

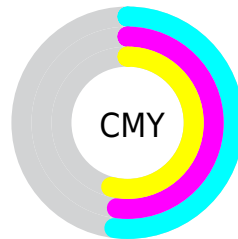


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7A76 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 7B7A76 by changing the saturation by 10% instead.

■ 7B7A76

■ 7B7A76

FFFFFF

■ 62615D

■ AFAEAA

■ 4A4946

■ CBCAC5

■ 343330

■ E7E6E1

■ 1F1E1B

FFFFFFE

■ 060400

■ 000000

■ 7B7A76

■ 7B7A76

■ 7B786A

■ 7B7C82

■ 7B755D

■ 7B7F8F

 7B7351

 7B819B

 7B7045

 7B84A7

 7B6E39

 7B86B4

 7B6B2C

 7B89C0

 7B6920

 7B8BCC

 7B6614

 7B8ED8

 7B6407

 7B90E5

Harmonies

Analogous

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



7D7976



7B7A76



797B77

Triad

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



7B7A76



757B7C



7D797B

Complementary

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



7B7A76



76777B

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.



7B797D



7B7A76



777B7E

Square

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



7B7A76



757B7B



797A7E



7E7979

Rectangle

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



7B7A76



777B78



797A7E



7D797C

Sweetspot

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



7B7A76



A1A09F



7B7677



525151



D1D1D1



525252

Same Dimension

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



7B7A76



A19F99



7A7B76



3D3C3A



7D6400



FCCA00

Inverse Universe

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



76777B



999AA1



78767B



3A3A3D



00197D



0032FC

Previews

White Background



This preview shows how the Hex color 7B7A76 looks on a white background.

Color Contrast Check

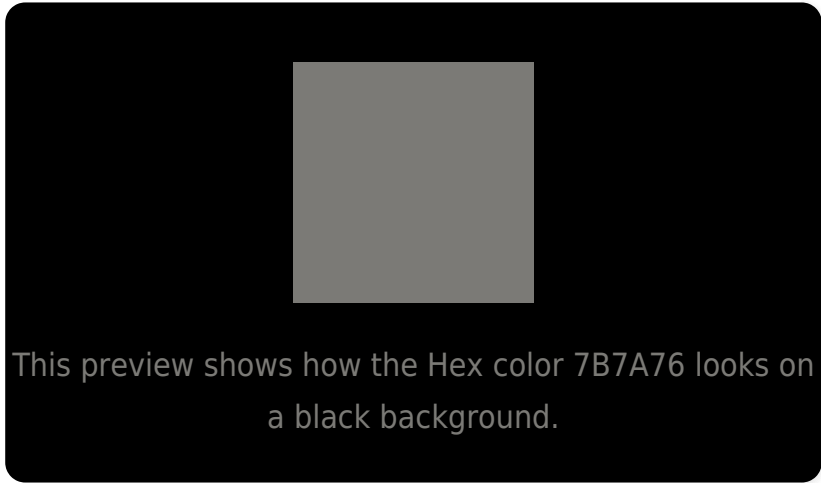
Large Text (above 18pt) WCAG AA ✓ Pass

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

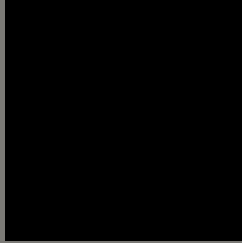
Any Text WCAG AA ✓ Pass

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 7B7A76 Background



This preview shows how black text looks on a background with the Hex color 7B7A76.



This preview shows how white text looks on a background with the Hex color 7B7A76.

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
7B7A76

Protanopia
7D7976

Deuteranopia
877677



Tritanopia
7D7882

Trichromacy



Original Color

7B7A76

Protanomaly

7C7976

Deuteranomaly

837777

Tritanomaly

7C797E

Monochromacy



Original Color

7B7A76

Achromatopsia

7A7A7A

Achromatomaly

7A7A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7A76 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 #7B7A76 looks like.

```
.text, #text, p{  
    color:#7B7A76  
}
```

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 #7B7A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7A76
}
```

Border

The CSS property to change the border of an element to Hex 7B7A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

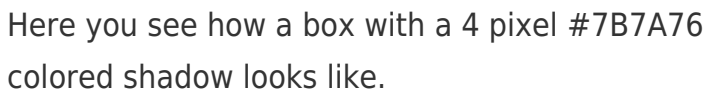
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7A76 }
```

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

```
.border{ border-color:#7B7A76 }
```

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



Here you see how a box with a 4 pixel #7B7A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7A76; -webkit-box-shadow:4px 4px  
4px 4px #7B7A76; box-shadow:4px 4px 4px  
4px #7B7A76 }
```

Background

The CSS property to change the background color of an element to Hex 7B7A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7A76 }
```

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

```
.background{ background-color:#7B7A76 }
```

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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