

Converting Colors

Hex(7B6366)

Have a look what the booklet for
Hex(7B6366) contains.

Hex(7B6366)	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(7B6366)

Conversions

Conversions Part 1

Format	Color
Hex	7B6366
RGB	123, 99, 102
RGB Percent	48%, 39%, 40%
CMY	0.5176, 0.6118, 0.6000
CMYK	0.00, 0.20, 0.17, 0.52
HSL	352°, 11%, 44%
HSV	352°, 20%, 48%
XYZ	15.0285, 14.0939, 14.4987
YIQ	106.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

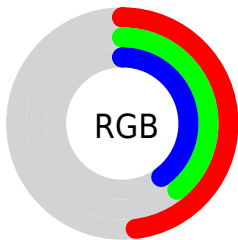
Format	Color
R _Y B	123, 99, 102
Decimal	8086374
CIE Lab	44.37, 10.17, 1.95
CIE LCh	44, 10.354, 10.866
Yxy	14.0939, 0.3445, 0.3231
Android (android.graphics.Color)	4286276454 (0xFF7B6366)
YUV	106.5180, -2.2274, 14.4547
Hunter-Lab	37.5419, 5.7575, 3.3815

Details

The Hex color **7B6366** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **637B78**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B09699**, and **4A3437** is the 20% darker color. If you saturate the color by 10%, you get **7B575B**, and if you desaturate by 10%, it is **7B6F71**.

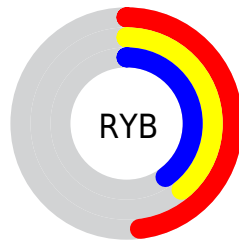
Distribution



Red (48%)

Green (39%)

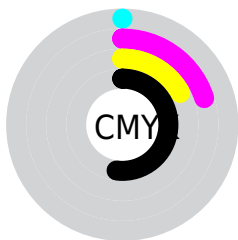
Blue (40%)



Red (48%)

Yellow (39%)

Blue (40%)

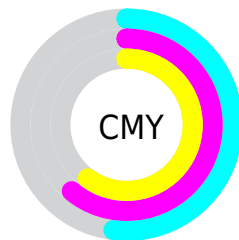


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (52%)



Cyan (52%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6366 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 7B6366 by changing the saturation by 10% instead.



7B6366



7B6366

FFFFFF



624B4E



B09699



4A3437



CBB1B4



331F22



E8CCCF



1F080C



FFE8EB



000000



7B6366



7B6366



7B575B



7B6F71



7B4A50



7B7C7C



7B3E46



7B8886

 7B323B

 7B9491

 7B2530

 7BA19C

 7B1925

 7BADA7

 7B0D1B

 7BB9B1

 7B0110

 7BC5BC

 7B000F

 7BD2C7

Harmonies

Analogous

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



77646F



7B6366



7A645E

Triad

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



7B6366



636C5C



596B79

Complementary

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



7B6366



637B78

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.



536D74



7B6366



596E63

Square

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



7B6366



6D6958



546E6C



63697A

Rectangle

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



7B6366



77665A



546E6C



576C78

Sweetspot

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



7B6366



A19798



78637B



524C4D



D1D1D1



525252

Same Dimension

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



7B6366



A17C80



7B6C63



3D3738



7D0010



FC0020

Inverse Universe

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



7B6366



A17C80



63727B



3D3738



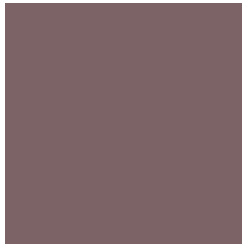
7D0010



FC0020

Previews

White Background



This preview shows how the Hex color 7B6366 looks on a white background.

Color Contrast Check

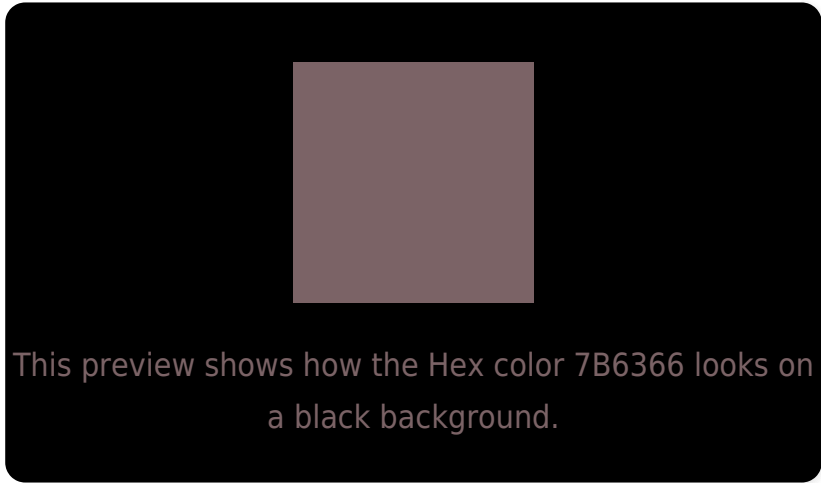
Large Text (above 18pt) WCAG AA ✓ Pass

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

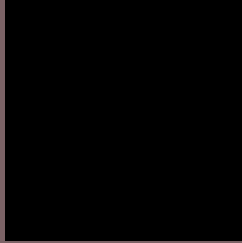
Any Text WCAG AA × Fail

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 7B6366 Background



This preview shows how black text looks on a background with the Hex color 7B6366.



This preview shows how white text looks on a background with the Hex color 7B6366.

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
7B6366

Protanopia
6B6969

Deuteranopia
756666



Tritanopia
7B626A

Trichromacy



Original Color

7B6366

Protanomaly

716768

Deuteranomaly

776566

Tritanomaly

7B6269

Monochromacy



Original Color

7B6366

Achromatopsia

6B6B6B

Achromatomaly

716869

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6366 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 #7B6366 looks like.

```
.text, #text, p{  
    color:#7B6366  
}
```

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 #7B6366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6366
}
```

Border

The CSS property to change the border of an element to Hex 7B6366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

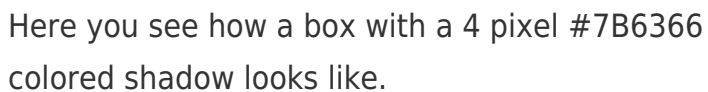
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B6366 }
```

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

```
.border{ border-color:#7B6366 }
```

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



Here you see how a box with a 4 pixel #7B6366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6366; -webkit-box-shadow:4px 4px  
4px 4px #7B6366; box-shadow:4px 4px 4px  
4px #7B6366 }
```

Background

The CSS property to change the background color of an element to Hex 7B6366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6366 }
```

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

```
.background{ background-color:#7B6366 }
```

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