

Converting Colors

Hex(7B6463)

Have a look what the booklet for
Hex(7B6463) contains.

Hex(7B6463)	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(7B6463)

Conversions

Conversions Part 1

Format	Color
Hex	7B6463
RGB	123, 100, 99
RGB Percent	48%, 39%, 39%
CMY	0.5176, 0.6078, 0.6118
CMYK	0.00, 0.19, 0.20, 0.52
HSL	2°, 11%, 44%
HSV	2°, 20%, 48%
XYZ	14.9777, 14.2261, 13.7609
YIQ	106.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

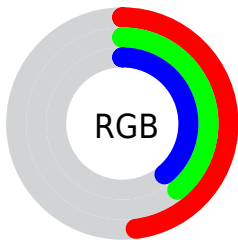
Format	Color
R_{YB}	123, 100, 99
Decimal	8086627
CIE Lab	44.56, 9.05, 4.04
CIE LCh	45, 9.912, 24.045
Yxy	14.2261, 0.3486, 0.3311
Android (android.graphics.Color)	4286276707 (0xFF7B6463)
YUV	106.7630, -3.8272, 14.2398
Hunter-Lab	37.7176, 4.8768, 4.7709

Details

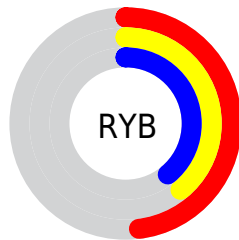
The Hex color **7B6463** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **637A7B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B09796**, and **4A3535** is the 20% darker color. If you saturate the color by 10%, you get **7B5857**, and if you desaturate by 10%, it is **7B706F**.

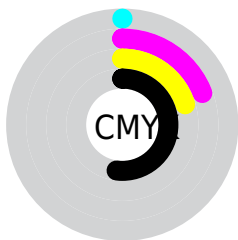
Distribution



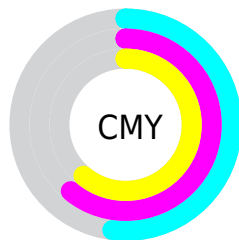
- Red (48%)
- Green (39%)
- Blue (39%)



- Red (48%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (52%)



- Cyan (52%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6463 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 7B6463 by changing the saturation by 10% instead.

 7B6463

 7B6463

FFFFFF

 624C4B

 B09796

 4A3535

 CBB2B0

 33201F

 E8CDCC

 1F0907

 FFE9E8

 000000

 7B6463

 7B6463

 7B5857

 7B706F

 7B4C4A

 7B7C7C

 7B413E

 7B8788

 7B3532

 7B9394

 7B2925

 7B9FA1

 7B1D19

 7BABAD

 7B110D

 7BB7B9

 7B0601

 7BC2C5

 7B0500

 7BCED2

Harmonies

Analogous

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



79646B



7B6463



78665C

Triad

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



7B6463



5F6D5F



5E6B7A

Complementary

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



7B6463



637A7B

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.



576D76



7B6463



586E67

Square

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



7B6463



696B5A



546E70



696878

Rectangle

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



7B6463



74675A



546E70



5B6B79

Sweetspot

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



7B6463



A19797



7B637A



524C4C



D1D1D1



525252

Same Dimension

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



7B6463



A17D7C



7B7063



3D3737



7D0500



FC0B00

Inverse Universe

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



637A7B



7C9FA1



636E7B



373D3D



00787D



00F2FC

Previews

White Background



This preview shows how the Hex color 7B6463 looks on a white background.

Color Contrast Check

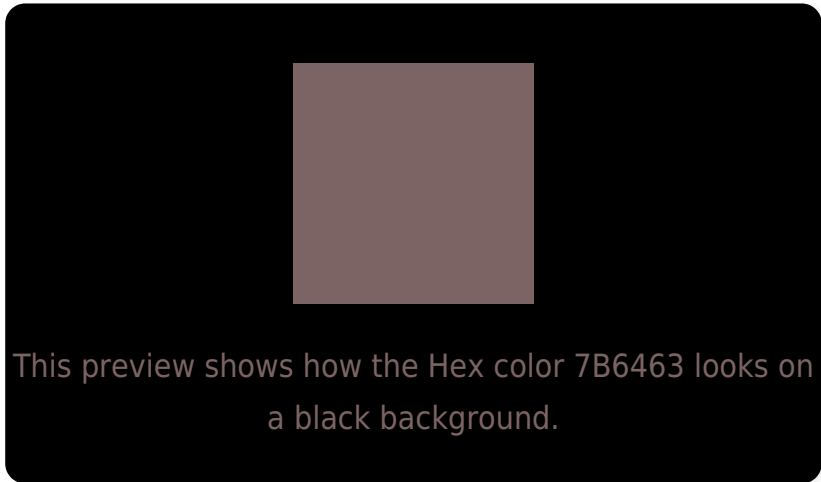
Large Text (above 18pt) WCAG AA ✓ Pass

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

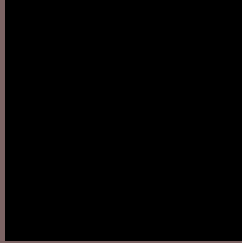
Any Text WCAG AA × Fail

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 7B6463 Background



This preview shows how black text looks on a background with the Hex color 7B6463.

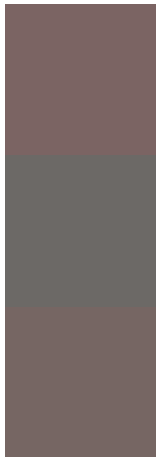


This preview shows how white text looks on a background with the Hex color 7B6463.

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](#).

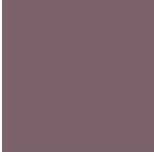
Dichromacy



Original Color
7B6463

Protanopia
6C6966

Deuteranopia
766663



Tritanopia
7C636B

Trichromacy



Original Color

7B6463

Protanomaly

716765

Deuteranomaly

786563

Tritanomaly

7C6368

Monochromacy



Original Color

7B6463

Achromatopsia

6B6B6B

Achromatomaly

716868

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6463 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 #7B6463 looks like.

```
.text, #text, p{  
    color:#7B6463  
}
```

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 #7B6463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6463
}
```

Border

The CSS property to change the border of an element to Hex 7B6463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

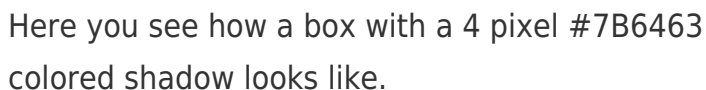
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B6463 }
```

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

```
.border{ border-color:#7B6463 }
```

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



Here you see how a box with a 4 pixel #7B6463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6463; -webkit-box-shadow:4px 4px  
4px 4px #7B6463; box-shadow:4px 4px 4px  
4px #7B6463 }
```

Background

The CSS property to change the background color of an element to Hex 7B6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6463 }
```

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

```
.background{ background-color:#7B6463 }
```

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