

Converting Colors

Hex(7B635B)

Have a look what the booklet for
Hex(7B635B) contains.

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Color

Hex(7B635B)

Conversions

Conversions Part 1

Format	Color
Hex	7B635B
RGB	123, 99, 91
RGB Percent	48%, 39%, 36%
CMY	0.5176, 0.6118, 0.6431
CMYK	0.00, 0.20, 0.26, 0.52
HSL	15°, 15%, 42%
HSV	15°, 26%, 48%
XYZ	14.5185, 13.8900, 11.8134
YIQ	105.2640, 16.8720, 2.6000

Conversions

Conversions Part 2

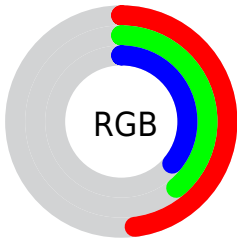
Format	Color
R_{YB}	123, 102, 91
Decimal	8086363
CIE Lab	44.07, 8.34, 8.19
CIE LCh	44, 11.685, 44.484
Yxy	13.8900, 0.3610, 0.3453
Android (android.graphics.Color)	4286276443 (0xFF7B635B)
YUV	105.2640, -7.0322, 15.5545
Hunter-Lab	37.2692, 4.3150, 7.2951

Details

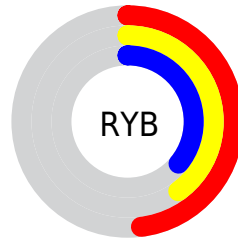
The Hex color **7B635B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B737B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B0968D**, and **4A342D** is the 20% darker color. If you saturate the color by 10%, you get **7B5A4F**, and if you desaturate by 10%, it is **7B6C67**.

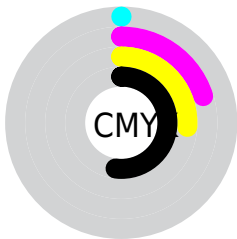
Distribution



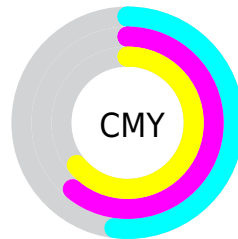
- Red (48%)
- Green (39%)
- Blue (36%)



- Red (48%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (52%)



- Cyan (52%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B635B 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 7B635B by changing the saturation by 10% instead.



7B635B



7B635B

FFFFFF



624B44



B0968D



4A342D



CCB0A7



321F19



E8CCC3



1F0800



FFE8DF



000000



FFFFFFB



7B635B



7B635B



7B5A4F



7B6C67



7B5142



7B7574

 7B4736

 7B7F80

 7B3E2A

 7B888C

 7B351E

 7B9199

 7B2C11

 7B9AA5

 7B2205

 7BA4B1

 7B1F00

 7BADBD

 7BB6CA

Harmonies

Analogous

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



7D6264



7B635B



756656

Triad

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



7B635B



566D63



63677B

Complementary

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



7B635B



5B737B

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.



576B7B



7B635B



4F6E6D

Square

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



7B635B



606C5A



506D75



706476

Rectangle

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



7B635B



6E6855



506D75



5F697B

Sweetspot

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



7B635B



A19794



7B5B73



524B49



D1D1D1



525252

Same Dimension

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



7B635B



A17B6F



7B735B



3D3937



7D1F00



FC3F00

Inverse Universe

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



5B737B



6F94A1



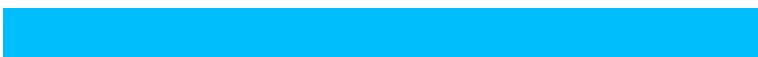
5B637B



373C3D



005E7D



00BDFC

Previews

White Background



This preview shows how the Hex color 7B635B looks on a white background.

Color Contrast Check

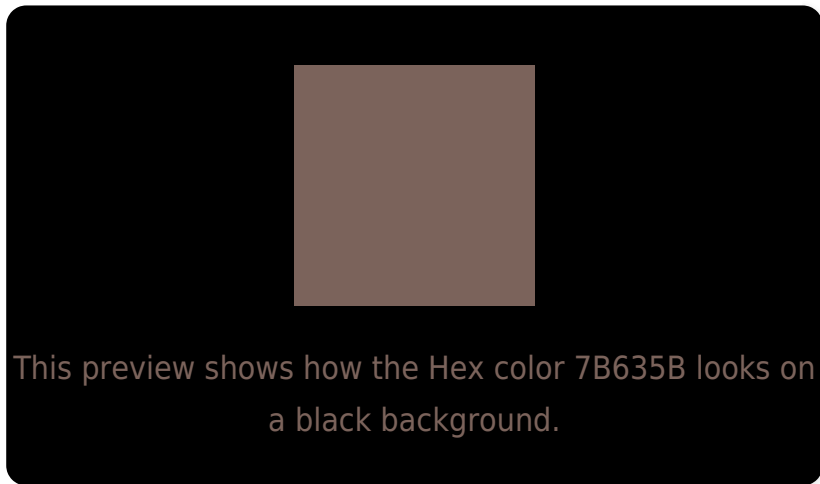
Large Text (above 18pt) WCAG AA ✓ Pass

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

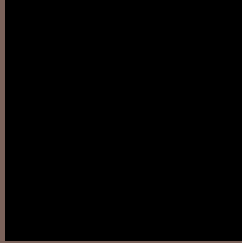
Any Text WCAG AA × Fail

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 7B635B Background



This preview shows how black text looks on a background with the Hex color 7B635B.



This preview shows how white text looks on a background with the Hex color 7B635B.

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


7B635B

Protanopia

6D685E

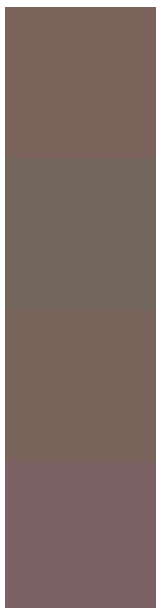
Deuteranopia

77645B



Tritanopia
7D6169

Trichromacy



Original Color

7B635B

Protanomaly

72665D

Deuteranomaly

78645B

Tritanomaly

7C6264

Monochromacy



Original Color

7B635B

Achromatopsia

696969

Achromatomaly

706764

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B635B 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 #7B635B looks like.

```
.text, #text, p{  
    color:#7B635B  
}
```

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 #7B635B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B635B
}
```

Border

The CSS property to change the border of an element to Hex 7B635B is called "border". The border property can be set on classes, ids or directly on the HTML element.

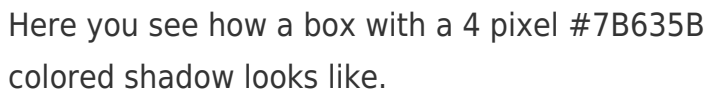
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B635B }
```

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

```
.border{ border-color:#7B635B }
```

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



Here you see how a box with a 4 pixel #7B635B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B635B; -webkit-box-shadow:4px 4px  
4px 4px #7B635B; box-shadow:4px 4px 4px  
4px #7B635B }
```

Background

The CSS property to change the background color of an element to Hex 7B635B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B635B }
```

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

```
.background{ background-color:#7B635B }
```

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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