

# Converting Colors

Hex(7B695E)

Have a look what the booklet for  
Hex(7B695E) contains.

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# Color

Hex(7B695E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B695E
RGB	123, 105, 94
RGB Percent	48%, 41%, 37%
CMY	0.5176, 0.5882, 0.6314
CMYK	0.00, 0.15, 0.24, 0.52
HSL	23°, 13%, 43%
HSV	23°, 24%, 48%
XYZ	15.2403, 15.1223, 12.7053
YIQ	109.1280, 14.2590, 0.3950

# Conversions

## Conversions Part 2

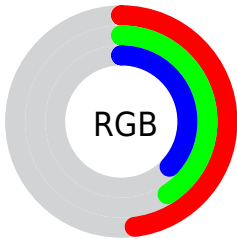
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 112, 94
Decimal	8087902
CIE Lab	45.80, 5.25, 8.82
CIE LCh	46, 10.267, 59.230
Yxy	15.1223, 0.3539, 0.3511
Android (android.graphics.Color)	4286277982 (0xFF7B695E)
YUV	109.1280, -7.4581, 12.1657
Hunter-Lab	38.8873, 1.9031, 7.8499

# Details

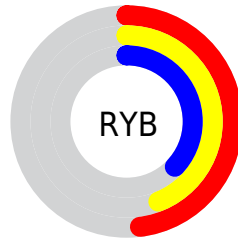
The Hex color **7B695E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E707B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B09C90**, and **4A3A30** is the 20% darker color. If you saturate the color by 10%, you get **7B6152**, and if you desaturate by 10%, it is **7B716A**.

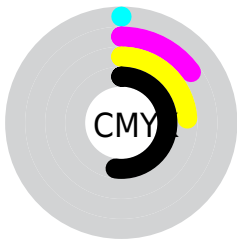
# Distribution



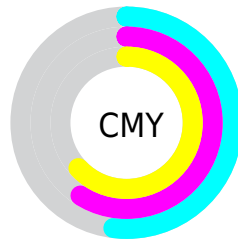
- Red (48%)
- Green (41%)
- Blue (37%)



- Red (48%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B695E 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 7B695E by changing the saturation by 10% instead.



7B695E

7B695E

FFFFFF

625146

B09C90

4A3A30

CBB7AB

33241B

E8D3C6

1F0F00

FFEFE2

000000

7B695E

7B695E

7B6152

7B716A

7B5A45

7B7877

7B5239

7B8083

 7B4A2D

 7B888F

 7B4320

 7B8F9B

 7B3B14

 7B97A8

 7B3408

 7B9EB4

 7B2F00

 7BA6C0

 7BAECD

# Harmonies

## Analogous

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



7F6764



7B695E



746C5B

# Triad

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



7B695E



59716C



6E6A7B

# Complementary

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



7B695E



5E707B

# 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.



636D7D



7B695E



567174

# Square

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



7B695E



607163



5A707B



786875

# Rectangle

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



7B695E



6D6E5C



5A707B



6A6B7D



# Sweetspot

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



7B695E



A19A95



7B5E70



524E4B



D1D1D1



525252



# Same Dimension

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



7B695E



A18574



7B775E



3D3937



7D2F00



FC6000



# Inverse Universe

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



5E707B



7490A1



5E627B



373B3D



004E7D



009DFC



# Previews

## White Background



This preview shows how the Hex color 7B695E looks on a white background.

## Color Contrast Check

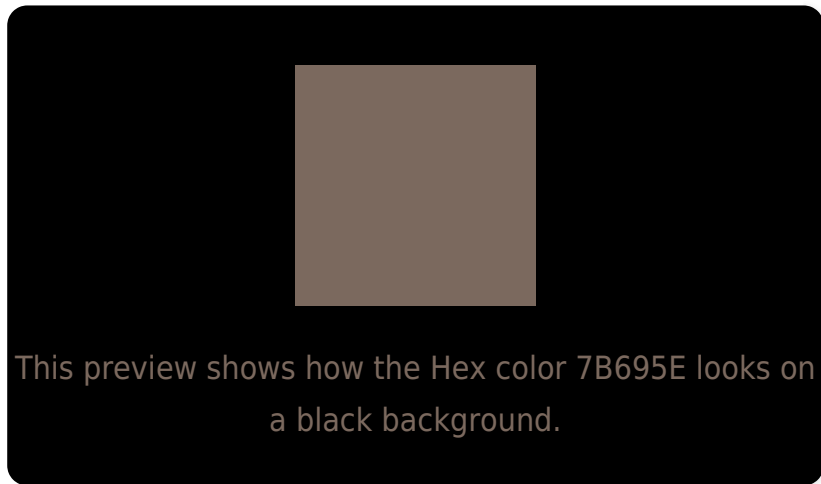
Large Text (above 18pt) WCAG AA ✓ Pass

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

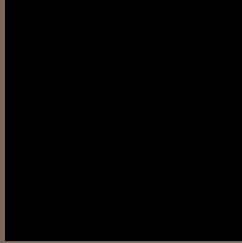
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B695E Background



This preview shows how black text looks on a background with the Hex color 7B695E.



This preview shows how white text looks on a background with the Hex color 7B695E.

# 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**  
7B695E

**Protanopia**  
716C60

**Deuteranopia**  
7C695E



**Tritanopia**  
7D676F

# Trichromacy



**Original Color**

7B695E

**Protanomaly**

756B5F

**Deuteranomaly**

7C695E

**Tritanomaly**

7C6869

# Monochromacy



**Original Color**

7B695E

**Achromatopsia**

6D6D6D

**Achromatomaly**

726C68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B695E 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 #7B695E looks like.

```
.text, #text, p{  
    color:#7B695E  
}
```

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 #7B695E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B695E
}
```

## Border

The CSS property to change the border of an element to Hex 7B695E 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".

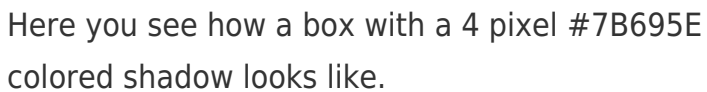
```
.border, #border, table{ border:4px solid
#7B695E }
```

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

```
.border{ border-color:#7B695E }
```

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

Here you see how a box with a 4 pixel #7B695E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B695E; -webkit-box-shadow:4px 4px  
4px 4px #7B695E; box-shadow:4px 4px 4px  
4px #7B695E }
```

# Background

The CSS property to change the background color of an element to Hex 7B695E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B695E }
```

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

```
.background{ background-color:#7B695E }
```

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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