

# Converting Colors

Hex(7B7773)

Have a look what the booklet for  
Hex(7B7773) contains.

<b>Hex(7B7773)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7B7773)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B7773
RGB	123, 119, 115
RGB Percent	48%, 47%, 45%
CMY	0.5176, 0.5333, 0.5490
CMYK	0.00, 0.03, 0.07, 0.52
HSL	30°, 3%, 47%
HSV	30°, 7%, 48%
XYZ	17.8597, 18.6424, 18.8767
YIQ	119.7400, 3.6680, -0.3960

# Conversions

## Conversions Part 2

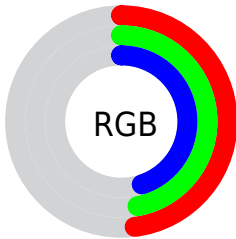
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 123, 115
Decimal	8091507
CIE Lab	50.27, 0.75, 2.73
CIE LCh	50, 2.834, 74.576
Yxy	18.6424, 0.3225, 0.3366
Android (android.graphics.Color)	4286281587 (0xFF7B7773)
YUV	119.7400, -2.3368, 2.8590
Hunter-Lab	43.1769, -1.7246, 4.3025

# Details

The Hex color **7B7773** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73777B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AFABA7**, and **4A4743** is the 20% darker color. If you saturate the color by 10%, you get **7B7167**, and if you desaturate by 10%, it is **7B7D7F**.

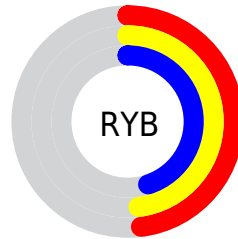
# Distribution



Red (48%)

Green (47%)

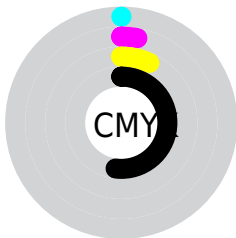
Blue (45%)



Red (48%)

Yellow (48%)

Blue (45%)

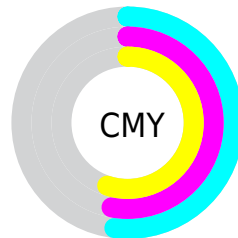


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7773 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 7B7773 by changing the saturation by 10% instead.



■ 7B7773

■ 7B7773

FFFFFF

■ 625E5A

■ AFABA7

■ 4A4743

■ CBC6C2

■ 34302D

■ E7E2DE

■ 1F1C18

■ FFFFFA

■ 030000

■ 000000

■ 7B7773

■ 7B7773

■ 7B7167

■ 7B7D7F

■ 7B6B5A

■ 7B838C

 7B654E

 7B8998

 7B5E42

 7B90A4

 7B5836

 7B96B1

 7B5229

 7B9CBD

 7B4C1D

 7BA2C9

 7B4611

 7BA8D5

 7B4004

 7BAEE2

# Harmonies

## Analogous

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



7D7674



7B7773



787873

# Triad

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



7B7773



727979



7A777B

# Complementary

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



7B7773



73777B

# 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.



77777C



7B7773



72797B

# Square

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



7B7773



737976



74787C



7C7679

# Rectangle

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



7B7773



777874



74787C



79777C



# Sweetspot

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



7B7773



A19F9D



7B7377



525150



D1D1D1



525252



# Same Dimension

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



7B7773



A19A94



7B7B73



3D3A37



7D3E00



FC7E00



# Inverse Universe

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



73777B



949AA1



73737B



373A3D



003E7D



007EFC



# Previews

## White Background



This preview shows how the Hex color 7B7773 looks on a white background.

## Color Contrast Check

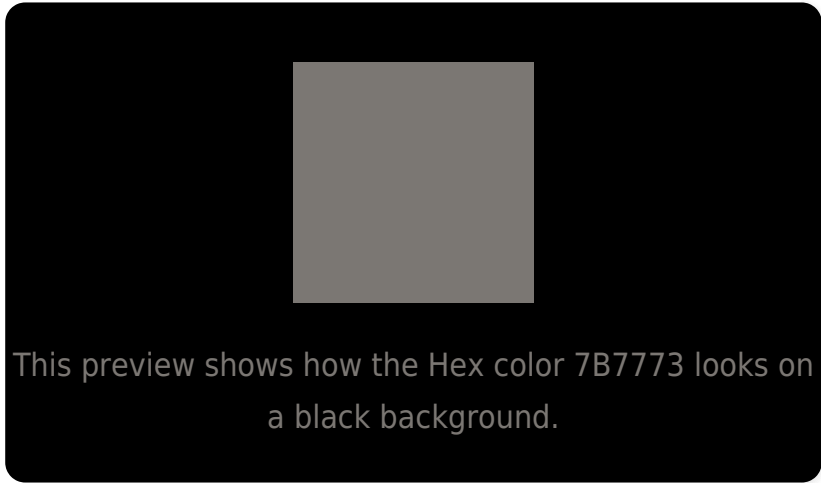
Large Text (above 18pt) WCAG AA ✓ Pass

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

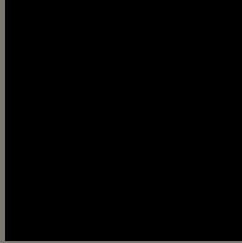
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

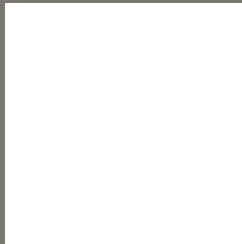
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B7773 Background



This preview shows how black text looks on a background with the Hex color 7B7773.



This preview shows how white text looks on a background with the Hex color 7B7773.

# 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**

7B7773

**Protanopia**

7B7773

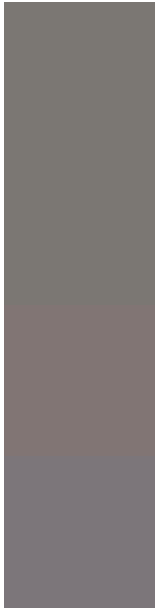
**Deuteranopia**

857474



**Tritanopia**  
7D757E

# Trichromacy



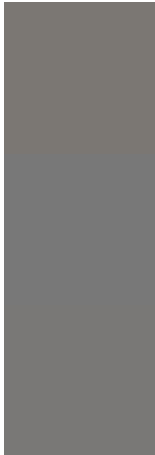
**Original Color**  
7B7773

**Protanomaly**  
7B7773

**Deuteranomaly**  
817574

**Tritanomaly**  
7C767A

# Monochromacy



**Original Color**  
7B7773

**Achromatopsia**  
787878

**Achromatomaly**  
797876

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7773 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 #7B7773 looks like.

```
.text, #text, p{  
    color:#7B7773  
}
```

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 #7B7773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7773
}
```

## Border

The CSS property to change the border of an element to Hex 7B7773 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
#7B7773 }
```

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

```
.border{ border-color:#7B7773 }
```

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

Here you see how a box with a 4 pixel #7B7773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7773; -webkit-box-shadow:4px 4px  
4px 4px #7B7773; box-shadow:4px 4px 4px  
4px #7B7773 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7773 }
```

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

```
.background{ background-color:#7B7773 }
```

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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