

# Converting Colors

Hex(7B7778)

Have a look what the booklet for  
Hex(7B7778) contains.

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# Color

Hex(7B7778)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B7778
RGB	123, 119, 120
RGB Percent	48%, 47%, 47%
CMY	0.5176, 0.5333, 0.5294
CMYK	0.00, 0.03, 0.02, 0.52
HSL	345°, 2%, 47%
HSV	345°, 3%, 48%
XYZ	18.1554, 18.7607, 20.4336
YIQ	120.3100, 2.0630, 1.1590

# Conversions

## Conversions Part 2

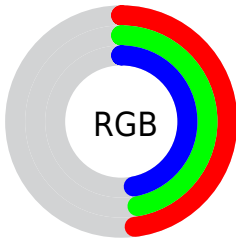
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 119, 120
Decimal	8091512
CIE Lab	50.41, 1.72, -0.01
CIE LCh	50, 1.723, 359.602
Yxy	18.7607, 0.3166, 0.3271
Android (android.graphics.Color)	4286281592 (0xFF7B7778)
YUV	120.3100, -0.1528, 2.3591
Hunter-Lab	43.3136, -0.9785, 2.3489

# Details

The Hex color **7B7778** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777B7A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AFABAC**, and **4A4748** is the 20% darker color. If you saturate the color by 10%, you get **7B6B6F**, and if you desaturate by 10%, it is **7B8381**.

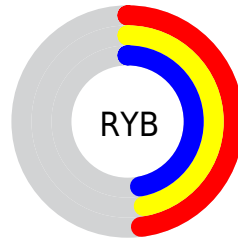
# Distribution



Red (48%)

Green (47%)

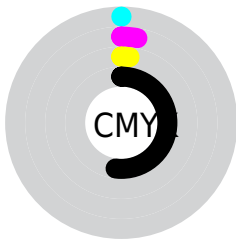
Blue (47%)



Red (48%)

Yellow (47%)

Blue (47%)

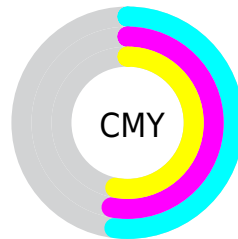


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7778 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 7B7778 by changing the saturation by 10% instead.



■ 7B7778

■ 7B7778

FFFFFF

■ 625E5F

■ AFABAC

■ 4A4748

■ CBC6C8

■ 343031

■ E7E2E4

■ 1F1C1C

■ 060002

■ 000000

■ 7B7778

■ 7B7778

■ 7B6B6F

■ 7B8381

■ 7B5E66

■ 7B908A

 7B525C

 7B9C94

 7B4653

 7BA89D

 7B3A4A

 7BB5A6

 7B2D41

 7BC1AF

 7B2137

 7BCDB9

 7B152E

 7BD9C2

 7B0825

 7BE6CB

# Harmonies

## Analogous

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



7A7779



7B7778



7B7777

# Triad

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



7B7778



787875



75797A

# Complementary

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



7B7778



777B7A

# 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.



757979



7B7778



767976

# Square

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



7B7778



797875



757978



77787B

# Rectangle

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



7B7778



7B7776



757978



75797A



# Sweetspot

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



7B7778



A19F9F



7A777B



525151



D1D1D1



525252



# Same Dimension

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



7B7778



A19A9C



7B7877



3D3A3B



7D001F



FC003F



# Inverse Universe

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



7B7778



A19A9C



777A7B



3D3A3B



7D001F



FC003F



# Previews

## White Background



This preview shows how the Hex color 7B7778 looks on a white background.

## Color Contrast Check

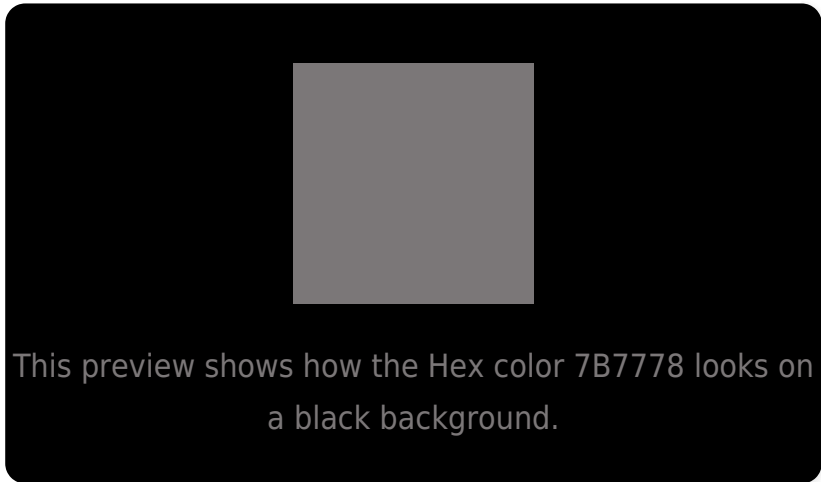
Large Text (above 18pt) WCAG AA ✓ Pass

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

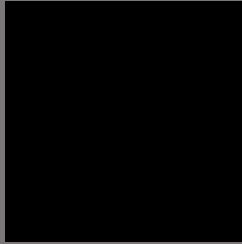
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B7778 Background



This preview shows how black text looks on a background with the Hex color 7B7778.



This preview shows how white text looks on a background with the Hex color 7B7778.

# 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**


7B7778

**Protanopia**

7A7778

**Deuteranopia**

837479



**Tritanopia**  
7C767F

# Trichromacy



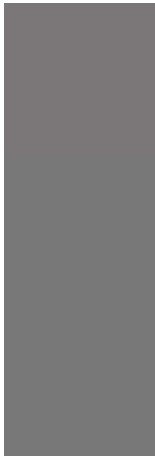
**Original Color**  
7B7778

**Protanomaly**  
7A7778

**Deuteranomaly**  
807579

**Tritanomaly**  
7C767C

# Monochromacy



**Original Color**  
7B7778

**Achromatopsia**  
787878

**Achromatomaly**  
797878

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7778 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 #7B7778 looks like.

```
.text, #text, p{  
    color:#7B7778  
}
```

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 #7B7778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7778  
}
```

## Border

The CSS property to change the border of an element to Hex 7B7778 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  
#7B7778 }
```

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

```
.border{ border-color:#7B7778 }
```

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

Here you see how a box with a 4 pixel #7B7778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7778; -webkit-box-shadow:4px 4px  
4px 4px #7B7778; box-shadow:4px 4px 4px  
4px #7B7778 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7778 }
```

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

```
.background{ background-color:#7B7778 }
```

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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