

Converting Colors

Hex(7B7B7F)

Have a look what the booklet for
Hex(7B7B7F) contains.

Hex(7B7B7F)	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(7B7B7F)

Conversions

Conversions Part 1

Format	Color
Hex	7B7B7F
RGB	123, 123, 127
RGB Percent	48%, 48%, 50%
CMY	0.5176, 0.5176, 0.5020
CMYK	0.03, 0.03, 0.00, 0.50
HSL	240°, 2%, 49%
HSV	240°, 3%, 50%
XYZ	19.0821, 19.9092, 22.9158
YIQ	123.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

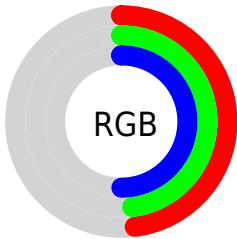
Format	Color
R_{YB}	123, 123, 127
Decimal	8092543
CIE Lab	51.73, 0.82, -2.18
CIE LCh	52, 2.330, 290.492
Yxy	19.9092, 0.3082, 0.3216
Android (android.graphics.Color)	4286282623 (0xFF7B7B7F)
YUV	123.4560, 1.7472, -0.3999
Hunter-Lab	44.6197, -1.7470, 0.7836

Details

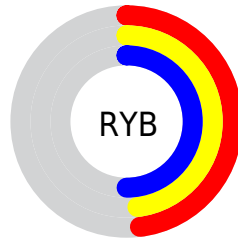
The Hex color **7B7B7F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F7F7B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AFAFB4**, and **4A4A4E** is the 20% darker color. If you saturate the color by 10%, you get **6E6E7F**, and if you desaturate by 10%, it is **88887F**.

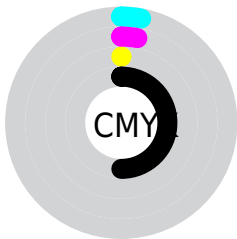
Distribution



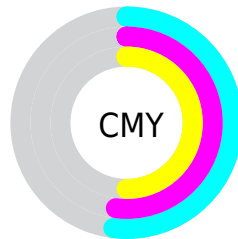
- Red (48%)
- Green (48%)
- Blue (50%)



- Red (48%)
- Yellow (48%)
- Blue (50%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (50%)



- Cyan (52%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7B7F 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 7B7B7F by changing the saturation by 10% instead.

■ 7B7B7F

■ 7B7B7F

FFFFFF

■ 626266

■ AFAFB4

■ 4A4A4E

■ CBCBCF

■ 343437

■ E7E7EB

■ 1F1F22

■ 06060C

■ 000000

■ 7B7B7F

■ 7B7B7F

■ 6E6E7F

■ 88887F

■ 62627F

■ 94947F

■ 55557F

■ A1A17F

■ 48487F

■ AEAE7F

■ 3B3B7F

■ BBBB7F

■ 2F2F7F

■ C7C77F

■ 22227F

■ D4D47F

■ 15157F

■ E1E17F

■ 09097F

■ EDED7F

Harmonies

Analogous

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



797C7F



7B7B7F



7D7A7E

Triad

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



7B7B7F



7F7A78



777C7B

Complementary

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



7B7B7F



7F7F7B

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.



797C79



7B7B7F



7E7B77

Square

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



7B7B7F



807A7A



7C7C78



777D7D

Rectangle

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



7B7B7F



7F7A7D



7C7C78



787C7A

Sweetspot

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



7B7B7F



A4A4A6



7B7F7F



535354



D4D4D4



545454

Same Dimension

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



7B7B7F



9F9FA6



7D7B7F



3D3D40



000080



000000

Inverse Universe

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



7F7B7F



A69FA6



7D7F7B



403D40



800080



000000

Previews

White Background



This preview shows how the Hex color 7B7B7F looks on a white background.

Color Contrast Check

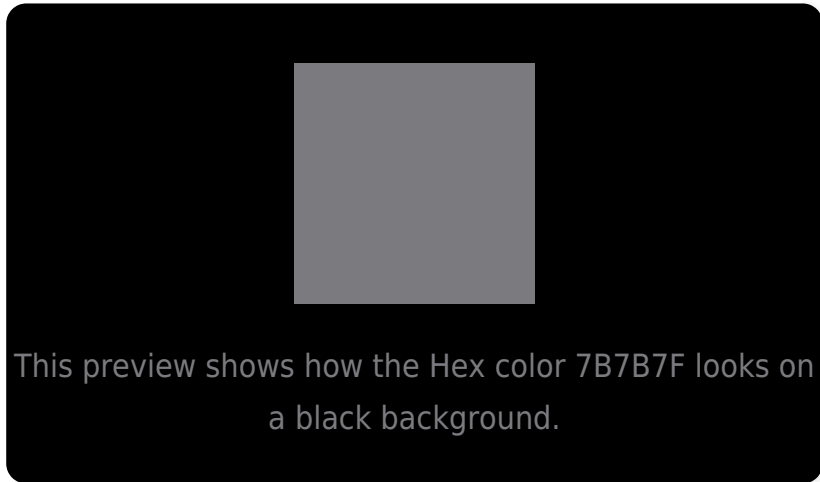
Large Text (above 18pt) WCAG AA ✓ Pass

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

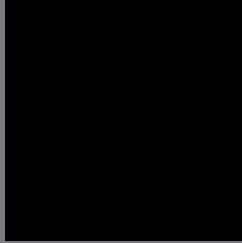
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

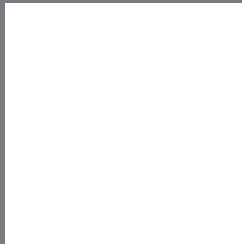
Any Text WCAG AAA × Fail

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

Hex 7B7B7F Background



This preview shows how black text looks on a background with the Hex color 7B7B7F.



This preview shows how white text looks on a background with the Hex color 7B7B7F.

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
7B7B7F

Protanopia
7C7B7F

Deuteranopia
857880



Tritanopia
7C7A84

Trichromacy



Original Color

7B7B7F

Protanomaly

7C7B7F

Deuteranomaly

817980

Tritanomaly

7C7A82

Monochromacy



Original Color

7B7B7F

Achromatopsia

7B7B7B

Achromatomaly

7B7B7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7B7F 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 #7B7B7F looks like.

```
.text, #text, p{  
    color:#7B7B7F  
}
```

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 #7B7B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7B7F
}
```

Border

The CSS property to change the border of an element to Hex 7B7B7F 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
#7B7B7F }
```

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

```
.border{ border-color:#7B7B7F }
```

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

Here you see how a box with a 4 pixel #7B7B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7B7F; -webkit-box-shadow:4px 4px  
4px 4px #7B7B7F; box-shadow:4px 4px 4px  
4px #7B7B7F }
```

Background

The CSS property to change the background color of an element to Hex 7B7B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7B7F }
```

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

```
.background{ background-color:#7B7B7F }
```

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