

Converting Colors

Hex(7B8189)

Have a look what the booklet for
Hex(7B8189) contains.

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Color

Hex(7B8189)

Conversions

Conversions Part 1

Format	Color
Hex	7B8189
RGB	123, 129, 137
RGB Percent	48%, 51%, 54%
CMY	0.5176, 0.4941, 0.4627
CMYK	0.10, 0.06, 0.00, 0.46
HSL	214°, 6%, 51%
HSV	214°, 10%, 54%
XYZ	20.5340, 21.7176, 26.7766
YIQ	128.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

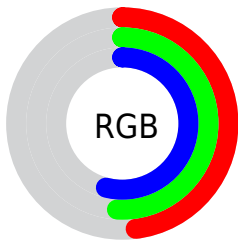
Format	Color
R_{YB}	123, 127, 137
Decimal	8094089
CIE Lab	53.73, -0.52, -5.09
CIE LCh	54, 5.113, 264.108
Yxy	21.7176, 0.2975, 0.3146
Android (android.graphics.Color)	4286284169 (0xFF7B8189)
YUV	128.1180, 4.3788, -4.4885
Hunter-Lab	46.6022, -2.9025, -1.4452

Details

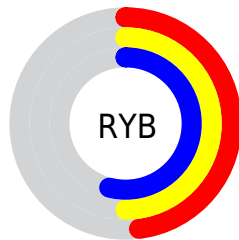
The Hex color **7B8189** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **89837B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **AFB6BE**, and **4A5057** is the 20% darker color. If you saturate the color by 10%, you get **6D7989**, and if you desaturate by 10%, it is **898989**.

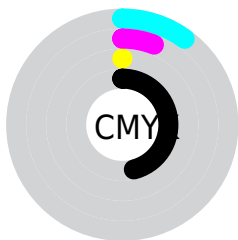
Distribution



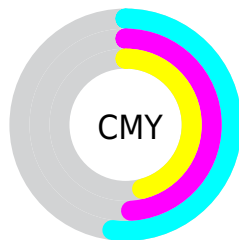
- Red (48%)
- Green (51%)
- Blue (54%)



- Red (48%)
- Yellow (50%)
- Blue (54%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (46%)



- Cyan (52%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B8189 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 7B8189 by changing the saturation by 10% instead.



7B8189



7B8189

FFFFFF



626870



AFB6BE



4A5057



CBD1DA



343940



E7EEF7



1E242A



060E16



000000



7B8189



7B8189



6D7989



898989



607189



969189

■ 526A89

■ A49889

■ 446289

■ B2A089

■ 375A89

■ C0A889

■ 295289

■ CDB089

■ 1B4A89

■ DBB889

■ 0D4289

■ E9C089

■ 003B89

■ F6C789

Harmonies

Analogous

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



778287



7B8189



808088

Triad

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



7B8189



8A7E7D



7B827B

Complementary

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



7B8189



89837B

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.



808178



7B8189



897E79

Square

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



7B8189



897E81



858078



77837F

Rectangle

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



7B8189



847F87



858078



7D827A

Sweetspot

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



7B8189



ADAFB3



7B8983



565759



D9D9D9



595959

Same Dimension

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



7B8189



9DA6B3



7C7B89



3E4145



003985



000205

Inverse Universe

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



897B81



B39DA6



88897B



453E41



850039



050002

Previews

White Background



This preview shows how the Hex color 7B8189 looks on a white background.

Color Contrast Check

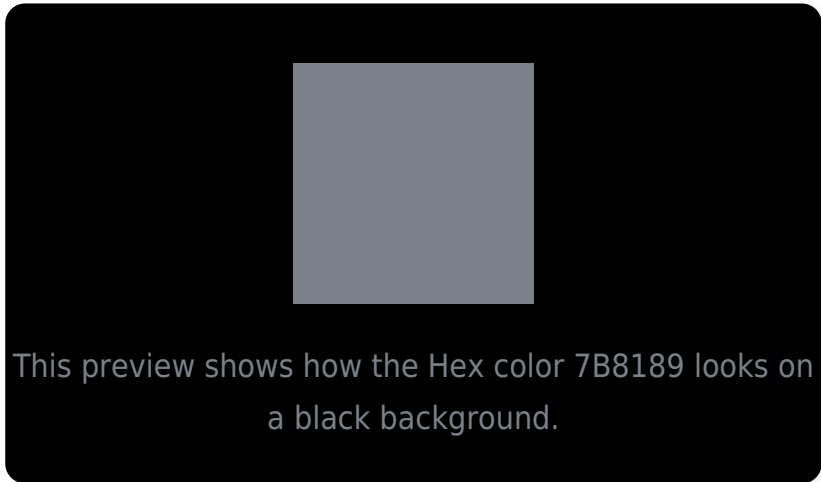
Large Text (above 18pt) WCAG AA ✓ Pass

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

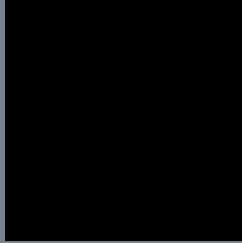
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

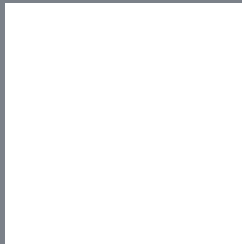
Any Text WCAG AAA × Fail

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

Hex 7B8189 Background



This preview shows how black text looks on a background with the Hex color 7B8189.



This preview shows how white text looks on a background with the Hex color 7B8189.

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

7B8189

Protanopia

807F88

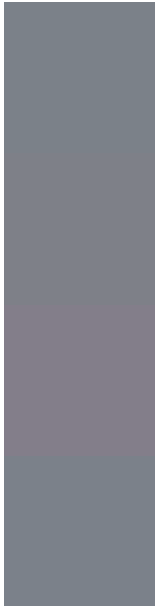
Deuteranopia

887D8A



Tritanopia
7B818B

Trichromacy



Original Color

7B8189

Protanomaly

7E8088

Deuteranomaly

837E8A

Tritanomaly

7B818A

Monochromacy



Original Color

7B8189

Achromatopsia

808080

Achromatomaly

7E8083

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B8189 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 #7B8189 looks like.

```
.text, #text, p{  
    color:#7B8189  
}
```

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 #7B8189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8189
}
```

Border

The CSS property to change the border of an element to Hex 7B8189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

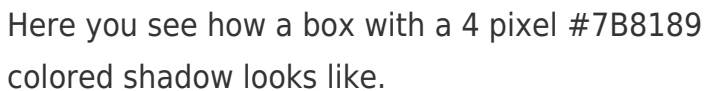
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B8189 }
```

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

```
.border{ border-color:#7B8189 }
```

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



Here you see how a box with a 4 pixel #7B8189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8189; -webkit-box-shadow:4px 4px  
4px 4px #7B8189; box-shadow:4px 4px 4px  
4px #7B8189 }
```

Background

The CSS property to change the background color of an element to Hex 7B8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8189 }
```

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

```
.background{ background-color:#7B8189 }
```

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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