

Converting Colors

Hex(7B9199)

Have a look what the booklet for
Hex(7B9199) contains.

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Color

Hex(7B9199)

Conversions

Conversions Part 1

Format	Color
Hex	7B9199
RGB	123, 145, 153
RGB Percent	48%, 57%, 60%
CMY	0.5176, 0.4314, 0.4000
CMYK	0.20, 0.05, 0.00, 0.40
HSL	196°, 13%, 54%
HSV	196°, 20%, 60%
XYZ	24.0435, 26.7617, 34.0353
YIQ	139.3340, -15.6800, -2.1760

Conversions

Conversions Part 2

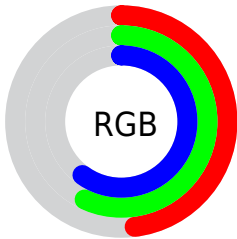
Format	Color
R_{YB}	123, 136, 153
Decimal	8098201
CIE _{Lab}	58.75, -5.99, -6.85
CIE _{LCh}	59, 9.099, 228.822
Yxy	26.7617, 0.2834, 0.3154
Android (android.graphics.Color)	4286288281 (0xFF7B9199)
YUV	139.3340, 6.7373, -14.3249
Hunter-Lab	51.7317, -7.5682, -2.7959

Details

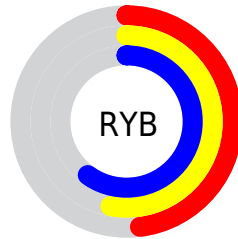
The Hex color **7B9199** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **99837B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B0C7CF**, and **4A5F66** is the 20% darker color. If you saturate the color by 10%, you get **6C8D99**, and if you desaturate by 10%, it is **8A9599**.

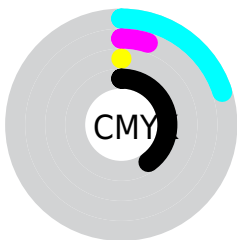
Distribution



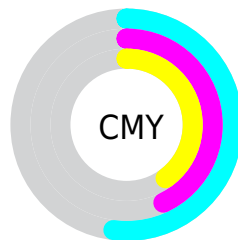
- Red (48%)
- Green (57%)
- Blue (60%)



- Red (48%)
- Yellow (53%)
- Blue (60%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9199 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 7B9199 by changing the saturation by 10% instead.

■ 7B9199

■ 7B9199

FFFFFF

■ 62777F

■ B0C7CF

■ 4A5F66

■ CBE3EC

■ 32474E

■ E8FFFF

■ 1C3137

■ 061C22

■ 00000B

■ 000000

■ 7B9199

■ 7B9199

■ 6C8D99

■ 8A9599

■ 5C8999

■ 9A9999

■ 4D8599

■ A99D99

■ 3E8199

■ B8A199

■ 2F7D99

■ C8A599

■ 1F7999

■ D7A999

■ 107499

■ E6AE99

■ 017099

■ F5B299

■ 007099

■ FFB699

Harmonies

Analogous

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



7A9292



7B9199



828F9D

Triad

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



7B9199



9C8891



8E8E7E

Complementary

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



7B9199



99837B

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.



978C7E



7B9199



9F8888

Square

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



7B9199



958A98



9D8982



859183

Rectangle

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



7B9199



888D9D



9D8982



918E7E

Sweetspot

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



7B9199



BBC4C7



7B9983



5C6263



E3E3E3



636363

Same Dimension

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



7B9199



97BAC7



7B8299



454A4D



00678C



00090D

Inverse Universe

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



997B91



C797BA



99927B



4D454A



8C0067



0D0009

Previews

White Background



This preview shows how the Hex color 7B9199 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

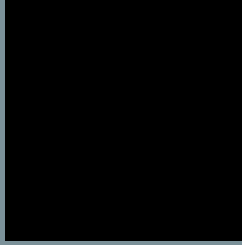
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

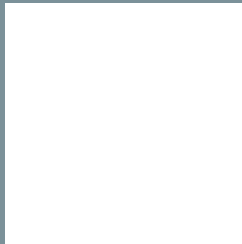
Any Text WCAG AAA × Fail

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

Hex 7B9199 Background



This preview shows how black text looks on a background with the Hex color 7B9199.

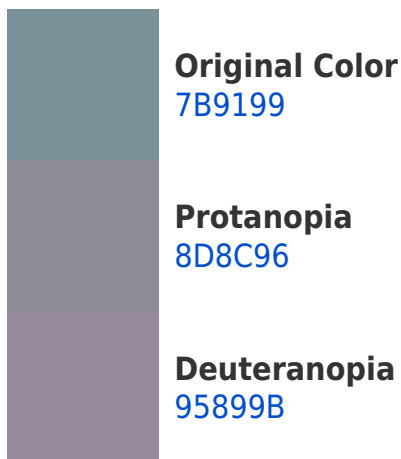


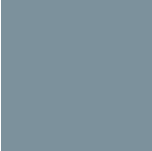
This preview shows how white text looks on a background with the Hex color 7B9199.

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](#).

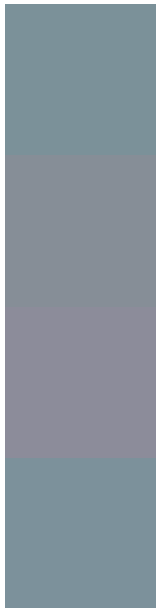
Dichromacy





Tritanopia
7C919C

Trichromacy



Original Color
7B9199

Protanomaly
868E97

Deuteranomaly
8C8C9A

Tritanomaly
7C919B

Monochromacy



Original Color
7B9199

Achromatopsia
8B8B8B

Achromatomaly
858D90

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9199 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 #7B9199 looks like.

```
.text, #text, p{  
    color:#7B9199  
}
```

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 #7B9199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9199
}
```

Border

The CSS property to change the border of an element to Hex 7B9199 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
#7B9199 }
```

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

```
.border{ border-color:#7B9199 }
```

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

Here you see how a box with a 4 pixel #7B9199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9199; -webkit-box-shadow:4px 4px  
4px 4px #7B9199; box-shadow:4px 4px 4px  
4px #7B9199 }
```

Background

The CSS property to change the background color of an element to Hex 7B9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9199 }
```

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

```
.background{ background-color:#7B9199 }
```

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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