

Converting Colors

Hex(7B7B9B)

Have a look what the booklet for
Hex(7B7B9B) contains.

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Color

Hex(7B7B9B)

Conversions

Conversions Part 1

Format	Color
Hex	7B7B9B
RGB	123, 123, 155
RGB Percent	48%, 48%, 61%
CMY	0.5176, 0.5176, 0.3922
CMYK	0.21, 0.21, 0.00, 0.39
HSL	240°, 14%, 55%
HSV	240°, 21%, 61%
XYZ	21.1677, 20.7434, 33.8986
YIQ	126.6480, -10.2720, 9.9520

Conversions

Conversions Part 2

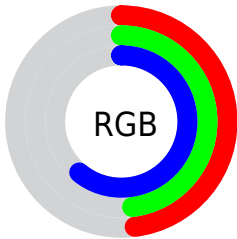
Format	Color
R_{YB}	123, 123, 155
Decimal	8092571
CIE Lab	52.67, 7.09, -17.16
CIE LCh	53, 18.567, 292.459
Yxy	20.7434, 0.2792, 0.2736
Android (android.graphics.Color)	4286282651 (0xFF7B7B9B)
YUV	126.6480, 13.9775, -3.1993
Hunter-Lab	45.5450, 3.2570, -12.2474

Details

The Hex color **7B7B9B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B9B7B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B0AFD2**, and **4A4A68** is the 20% darker color. If you saturate the color by 10%, you get **6C6C9B**, and if you desaturate by 10%, it is **8B8B9B**.

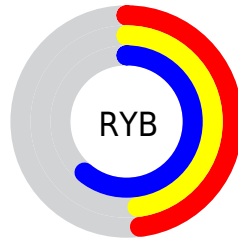
Distribution



Red (48%)

Green (48%)

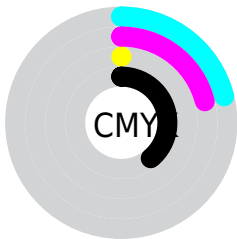
Blue (61%)



Red (48%)

Yellow (48%)

Blue (61%)

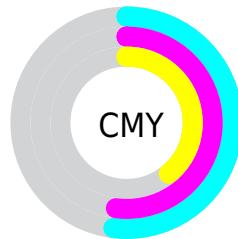


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (39%)



Cyan (52%)

Magenta (52%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7B9B 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 7B7B9B by changing the saturation by 10% instead.

■ 7B7B9B

■ 7B7B9B

FFFFFF

■ 626281

■ B0AFD2

■ 4A4A68

■ CBCBEE

■ 323450

■ E8E7FF

■ 1C1F39

■ 070623

■ 00000B

■ 000000

■ 7B7B9B

■ 7B7B9B

■ 6C6C9B

■ 8B8B9B

5C5C9B

9A9A9B

4D4D9B

AAAA9B

3D3D9B

B9B99B

2E2E9B

C9C99B

1E1E9B

D8D89B

0F0F9B

E8E89B

00009B

F7F79B

FFFF9B

Harmonies

Analogous

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



65809D



7B7B9B



8E7691

Triad

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



7B7B9B



997665



5A8779

Complementary

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



7B7B9B



9B9B7B

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.



6B846A



7B7B9B



8D7B5E

Square

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



7B7B9B



9E7372



7D8060



508789

Rectangle

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



7B7B9B



987388



7D8060



5F8674

Sweetspot

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



7B7B9B



BDBDC9



7B9B9B



5F5F66



E6E6E6



666666

Same Dimension

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



7B7B9B



9797C9



8B7B9B



45454D



00008C



00000D

Inverse Universe

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



9B7B9B



C997C9



8B9B7B



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 7B7B9B looks on a white background.

Color Contrast Check

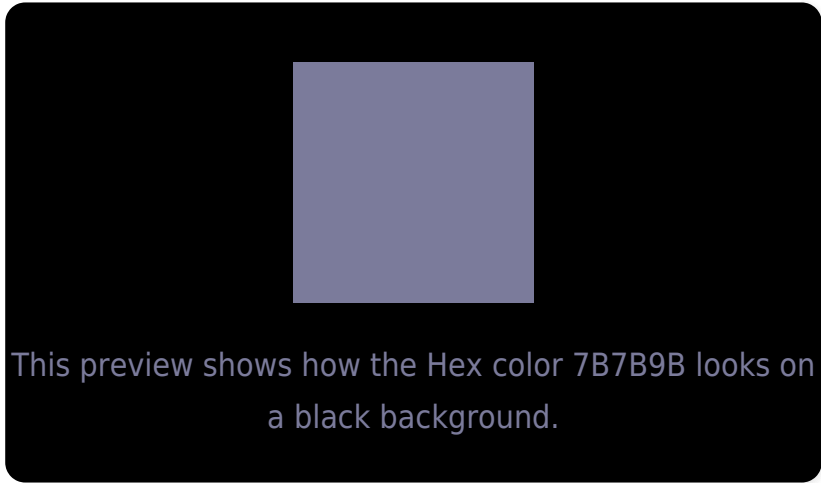
Large Text (above 18pt) WCAG AA ✓ Pass

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

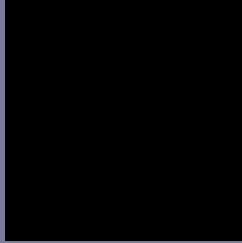
Any Text WCAG AA ✓ Pass

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 7B7B9B Background



This preview shows how black text looks on a background with the Hex color 7B7B9B.



This preview shows how white text looks on a background with the Hex color 7B7B9B.

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

7B7B9B

Protanopia

767C9C

Deuteranopia

7B7B9B



Tritanopia
787E88

Trichromacy



Original Color

7B7B9B

Protanomaly

787C9C

Deuteranomaly

7B7B9B

Tritanomaly

797D8F

Monochromacy



Original Color

7B7B9B

Achromatopsia

7F7F7F

Achromatomaly

7E7E89

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7B9B 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 #7B7B9B looks like.

```
.text, #text, p{  
    color:#7B7B9B  
}
```

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 #7B7B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7B9B
}
```

Border

The CSS property to change the border of an element to Hex 7B7B9B 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
#7B7B9B }
```

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

```
.border{ border-color:#7B7B9B }
```

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

Here you see how a box with a 4 pixel #7B7B9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7B9B; -webkit-box-shadow:4px 4px  
4px 4px #7B7B9B; box-shadow:4px 4px 4px  
4px #7B7B9B }
```

Background

The CSS property to change the background color of an element to Hex 7B7B9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7B9B }
```

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

```
.background{ background-color:#7B7B9B }
```

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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