

Converting Colors

Hex(7B938E)

Have a look what the booklet for
Hex(7B938E) contains.

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Color

Hex(7B938E)

Conversions

Conversions Part 1

Format	Color
Hex	7B938E
RGB	123, 147, 142
RGB Percent	48%, 58%, 56%
CMY	0.5176, 0.4235, 0.4431
CMYK	0.16, 0.00, 0.03, 0.42
HSL	168°, 10%, 53%
HSV	168°, 16%, 58%
XYZ	23.4846, 27.0314, 29.5710
YIQ	139.2540, -12.6990, -6.6430

Conversions

Conversions Part 2

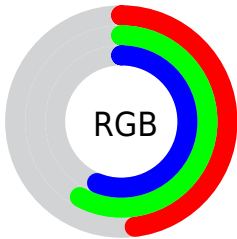
Format	Color
RYB	123, 136, 147
Decimal	8098702
CIELab	59.00, -9.54, -0.20
CIElCh	59, 9.542, 181.215
Yxy	27.0314, 0.2932, 0.3375
Android (android.graphics.Color)	4286288782 (0xFF7B938E)
YUV	139.2540, 1.3538, -14.2548
Hunter-Lab	51.9917, -10.3573, 2.6722

Details

The Hex color **7B938E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **937B80**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B0C9C4**, and **4A605C** is the 20% darker color. If you saturate the color by 10%, you get **6C938B**, and if you desaturate by 10%, it is **8A9391**.

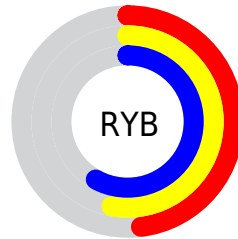
Distribution



Red (48%)

Green (58%)

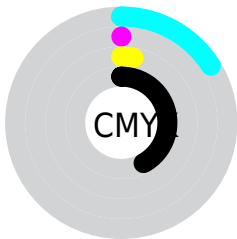
Blue (56%)



Red (48%)

Yellow (53%)

Blue (58%)

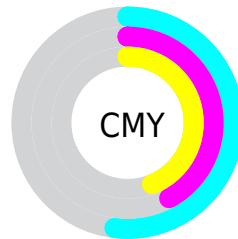


Cyan (16%)

Magenta (0%)

Yellow (3%)

Black (42%)



Cyan (52%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B938E 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 7B938E by changing the saturation by 10% instead.

7B938E

7B938E

FFFFFF

627974

B0C9C4

4A605C

CBE5E0

334944

E7FFFC

1D322E

071D1A

000000

7B938E

7B938E

6C938B

8A9391

5E9388

989394

■ 4F9385

■ A79397

■ 409382

■ B6939A

■ 32937F

■ C4939D

■ 23937C

■ D393A0

■ 149379

■ E293A3

■ 059376

■ F193A6

■ 009374

■ FF93AA

Harmonies

Analogous

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



829286



7B938E



799396

Triad

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



7B938E



908C9C



9C8B80

Complementary

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



7B938E



937B80

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.



A08986



7B938E



998996

Square

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



7B938E



868F9F



9F888E



958D7D

Rectangle

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



7B938E



7B929B



9F888E



9E8A81

Sweetspot

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



7B938E



B6BFBD



80937B



5B6160



E0E0E0



616161

Same Dimension

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



7B938E



99BFB7



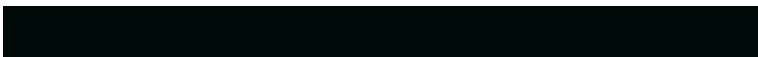
7B8C93



434A48



008A6D



000A08

Inverse Universe

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



937B80



BF99A1



93827B



4A4344



8A001D



0A0002

Previews

White Background



This preview shows how the Hex color 7B938E looks on a white background.

Color Contrast Check

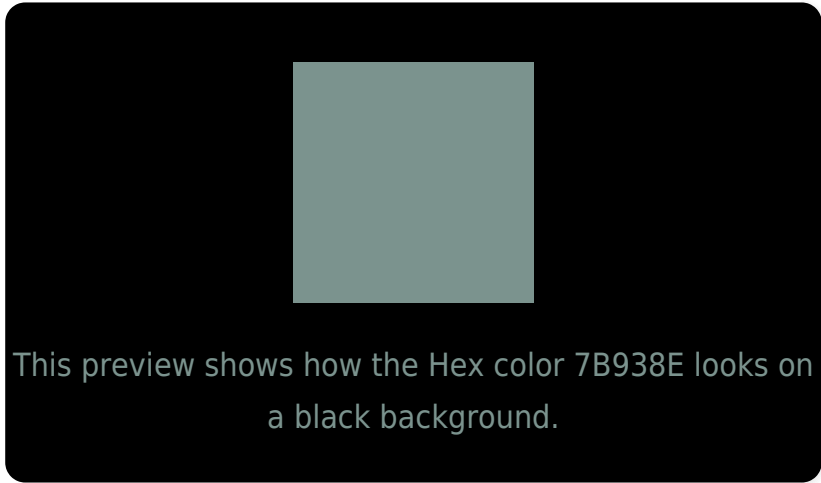
Large Text (above 18pt) WCAG AA ✓ Pass

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

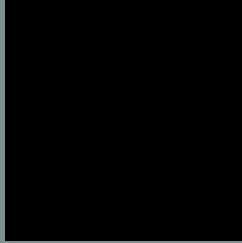
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

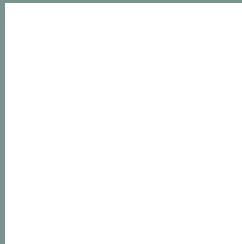
Any Text WCAG AAA × Fail

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

Hex 7B938E Background



This preview shows how black text looks on a background with the Hex color 7B938E.

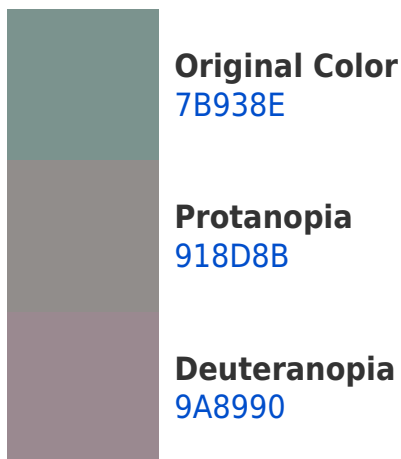


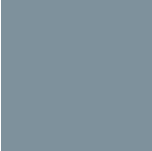
This preview shows how white text looks on a background with the Hex color 7B938E.

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](#).

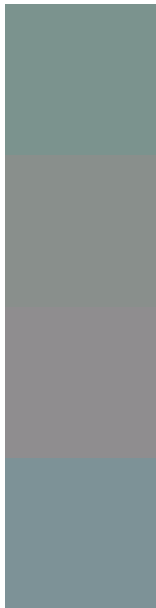
Dichromacy





Tritanopia
7E919C

Trichromacy



Original Color
7B938E

Protanomaly
898F8C

Deuteranomaly
8F8D8F

Tritanomaly
7D9297

Monochromacy



Original Color
7B938E

Achromatopsia
8B8B8B

Achromatomaly
858E8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B938E 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 #7B938E looks like.

```
.text, #text, p{  
    color:#7B938E  
}
```

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 #7B938E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B938E
}
```

Border

The CSS property to change the border of an element to Hex 7B938E 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
#7B938E }
```

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

```
.border{ border-color:#7B938E }
```

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

Here you see how a box with a 4 pixel #7B938E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B938E; -webkit-box-shadow:4px 4px  
4px 4px #7B938E; box-shadow:4px 4px 4px  
4px #7B938E }
```

Background

The CSS property to change the background color of an element to Hex 7B938E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B938E }
```

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

```
.background{ background-color:#7B938E }
```

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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