

Converting Colors

Hex(7B8EA0)

Have a look what the booklet for
Hex(7B8EA0) contains.

Hex(7B8EA0)	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(7B8EA0)

Conversions

Conversions Part 1

Format	Color
Hex	7B8EA0
RGB	123, 142, 160
RGB Percent	48%, 56%, 63%
CMY	0.5176, 0.4431, 0.3725
CMYK	0.23, 0.11, 0.00, 0.37
HSL	209°, 16%, 55%
HSV	209°, 23%, 63%
XYZ	24.1865, 26.0950, 37.0198
YIQ	138.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

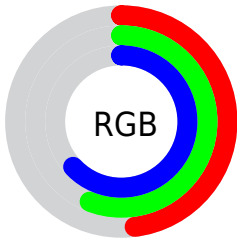
Format	Color
RYB	123, 136, 160
Decimal	8097440
CIELab	58.13, -2.67, -11.78
CIELCh	58, 12.083, 257.247
Yxy	26.0950, 0.2770, 0.2989
Android (android.graphics.Color)	4286287520 (0xFF7B8EA0)
YUV	138.3710, 10.6631, -13.4804
Hunter-Lab	51.0833, -4.8809, -7.2088

Details

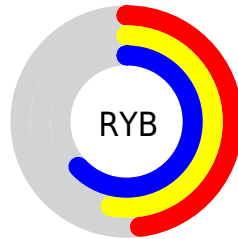
The Hex color **7B8EA0** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A08D7B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B0C4D7**, and **495C6D** is the 20% darker color. If you saturate the color by 10%, you get **6B86A0**, and if you desaturate by 10%, it is **8B96A0**.

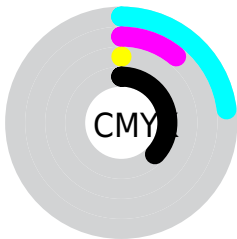
Distribution



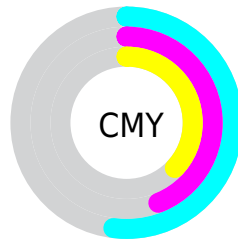
- Red (48%)
- Green (56%)
- Blue (63%)



- Red (48%)
- Yellow (53%)
- Blue (63%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (37%)



- Cyan (52%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B8EA0 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 7B8EA0 by changing the saturation by 10% instead.

■ 7B8EA0

■ 7B8EA0

FFFFFF

■ 627486

■ B0C4D7

■ 495C6D

■ CCE0F3

■ 324454

■ E8FCFF

■ 1B2E3D

■ 051A27

■ 000113

■ 000000

■ 7B8EA0

■ 7B8EA0

■ 6B86A0

■ 8B96A0

■ 5B7EA0

■ 9B9EA0

■ 4B77A0

■ ABA5A0

■ 3B6FA0

■ BBADA0

■ 2B67A0

■ CBB5A0

■ 1B5FA0

■ DBBDA0

■ 0B58A0

■ EBC4A0

■ 0052A0

■ FBCCA0

■ FFD4A0

Harmonies

Analogous

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



72919B



7B8EA0



888BA0

Triad

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



7B8EA0



A28586



82907D

Complementary

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



7B8EA0



A08D7B

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.



8E8D78



7B8EA0



A0867D

Square

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



7B8EA0



9E8591



998977



779287

Rectangle

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



7B8EA0



91889D



998977



868F7B

Sweetspot

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



7B8EA0



C2CAD1



7BA08D



606469



E8E8E8



696969

Same Dimension

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



7B8EA0



97B5D1



7B7CA0



474B4F



00498F



00080F

Inverse Universe

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



A07B8E



D197B5



A09F7B



4F474B



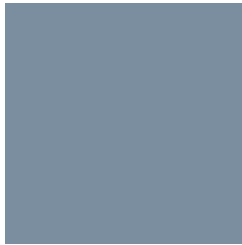
8F0049



0F0008

Previews

White Background



This preview shows how the Hex color 7B8EA0 looks on a white background.

Color Contrast Check

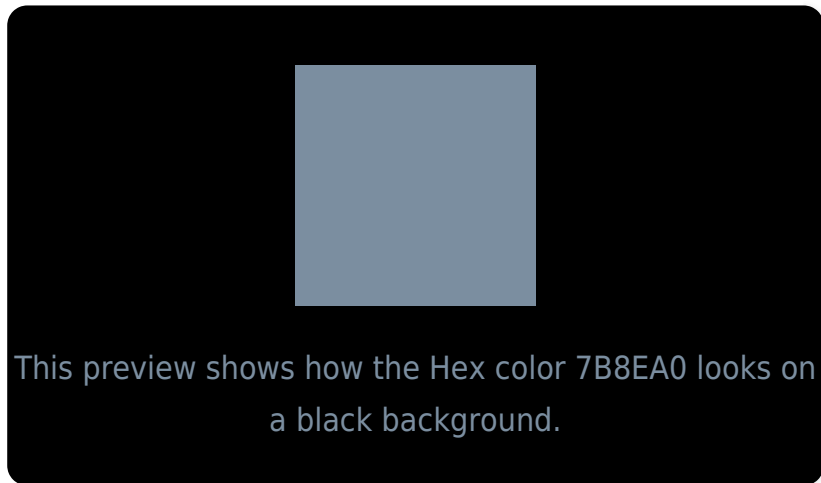
Large Text (above 18pt) WCAG AA ✓ Pass

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

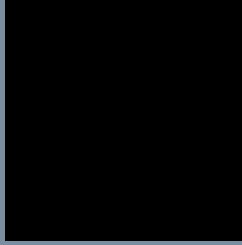
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

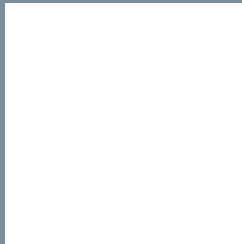
Any Text WCAG AAA × Fail

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

Hex 7B8EA0 Background



This preview shows how black text looks on a background with the Hex color 7B8EA0.

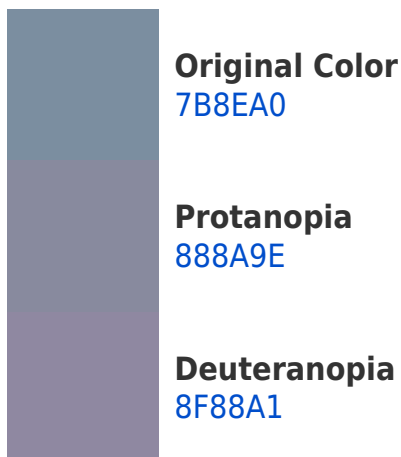


This preview shows how white text looks on a background with the Hex color 7B8EA0.

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
7A8F9A

Trichromacy



Original Color
7B8EA0

Protanomaly
838B9F

Deuteranomaly
888AA1

Tritanomaly
7A8F9C

Monochromacy



Original Color
7B8EA0

Achromatopsia
8A8A8A

Achromatomaly
858B92

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B8EA0 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 #7B8EA0 looks like.

```
.text, #text, p{  
    color:#7B8EA0  
}
```

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 #7B8EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8EA0
}
```

Border

The CSS property to change the border of an element to Hex 7B8EA0 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
#7B8EA0 }
```

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

```
.border{ border-color:#7B8EA0 }
```

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

Here you see how a box with a 4 pixel #7B8EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8EA0; -webkit-box-shadow:4px 4px  
4px 4px #7B8EA0; box-shadow:4px 4px 4px  
4px #7B8EA0 }
```

Background

The CSS property to change the background color of an element to Hex 7B8EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8EA0 }
```

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

```
.background{ background-color:#7B8EA0 }
```

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