

Converting Colors

Hex(7E8AC6)

Have a look what the booklet for
Hex(7E8AC6) contains.

Hex(7E8AC6)	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(7E8AC6)

Conversions

Conversions Part 1

Format	Color
Hex	7E8AC6
RGB	126, 138, 198
RGB Percent	49%, 54%, 78%
CMY	0.5059, 0.4588, 0.2235
CMYK	0.36, 0.30, 0.00, 0.22
HSL	230°, 39%, 64%
HSV	230°, 36%, 78%
XYZ	27.8857, 26.6898, 57.1080
YIQ	141.2520, -26.4120, 16.1160

Conversions

Conversions Part 2

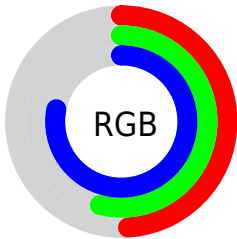
Format	Color
R _Y B	126, 136, 198
Decimal	8293062
CIE Lab	58.69, 10.32, -32.52
CIE LCh	59, 34.119, 287.600
Yxy	26.6898, 0.2497, 0.2390
Android (android.graphics.Color)	4286483142 (0xFF7E8AC6)
YUV	141.2520, 27.9768, -13.3760
Hunter-Lab	51.6622, 5.9402, -29.3764

Details

The Hex color **7E8AC6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6BA7E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B5BFFF**, and **495890** is the 20% darker color. If you saturate the color by 10%, you get **6A7AC6**, and if you desaturate by 10%, it is **929BC6**.

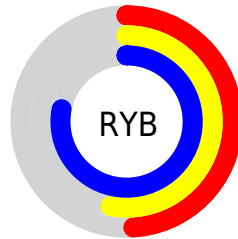
Distribution



Red (49%)

Green (54%)

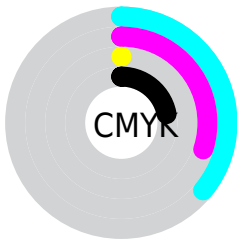
Blue (78%)



Red (49%)

Yellow (53%)

Blue (78%)

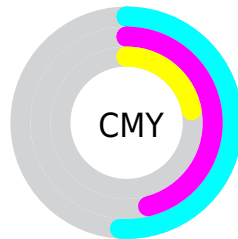


Cyan (36%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (51%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E8AC6 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 7E8AC6 by changing the saturation by 10% instead.

■ 7E8AC6

■ 7E8AC6

FFFFFF

■ 6471AB

■ B5BFFF

■ 495890

■ D1DBFF

■ 2F4176

■ EEF8FF

■ 122B5D

■ 001745

■ 00002F

■ 000119

■ 000000

■ 7E8AC6

■ 7E8AC6

 6A7AC6

 929BC6

 5669C6

 A6ABC6

 4359C6

 B9BCC6

 2F48C6

 CDCCC6

 1B38C6

 E1DDC6

 0727C6

 F5EDC6

 0021C6

 FFFEC6

 FFFFC6

Harmonies

Analogous

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



4A94C7



7E8AC6



A67FB6

Triad

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



7E8AC6



C07D62



469C7F

Complementary

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



7E8AC6



C6BA7E

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.



6D9864



7E8AC6



AC8753

Square

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



7E8AC6



C7767D



8F9153



0E9D9E

Rectangle

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



7E8AC6



B979A5



8F9153



549B75

Sweetspot

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



7E8AC6



E3E8FF



7EC6BA



6F7280



000000



808080

Same Dimension

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



7E8AC6



8FA2FF



967EC6



5A5B63



001BA3



000624

Inverse Universe

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



C67E8A



FF8FA2



AEC67E



635A5B



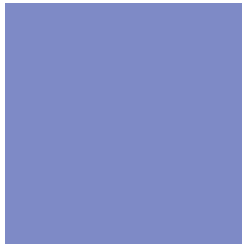
A3001B



240006

Previews

White Background



This preview shows how the Hex color 7E8AC6 looks on a white background.

Color Contrast Check

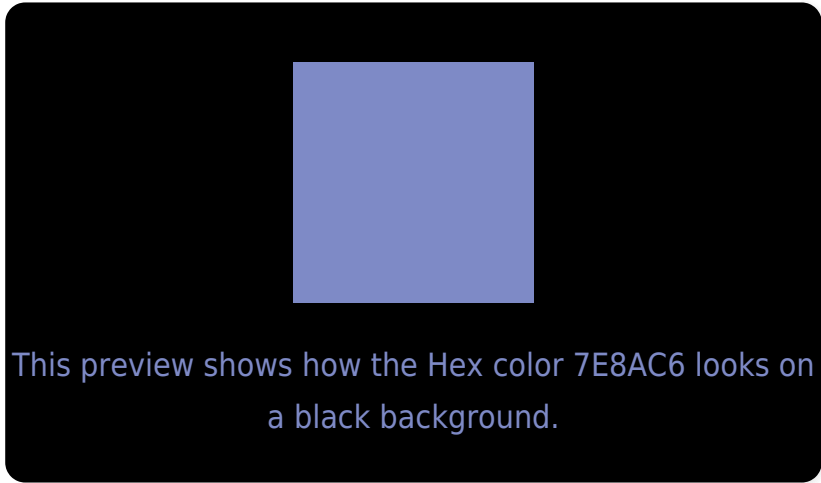
Large Text (above 18pt) WCAG AA ✓ Pass

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

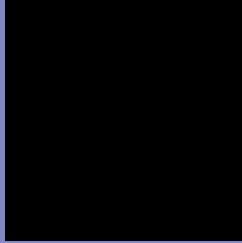
Any Text WCAG AA ✓ Pass

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 7E8AC6 Background



This preview shows how black text looks on a background with the Hex color 7E8AC6.



This preview shows how white text looks on a background with the Hex color 7E8AC6.

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
7E8AC6

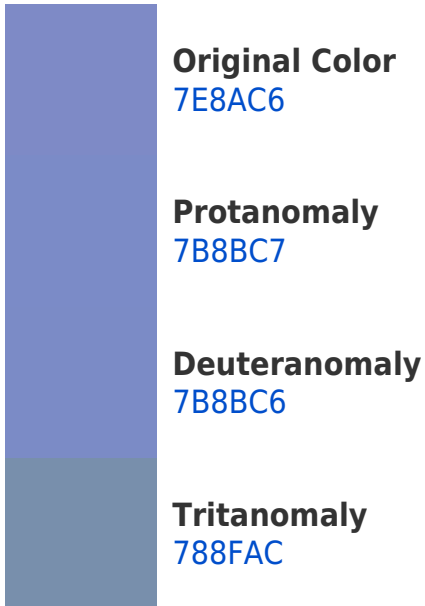
Protanopia
7A8BC7

Deuteranopia
798BC6

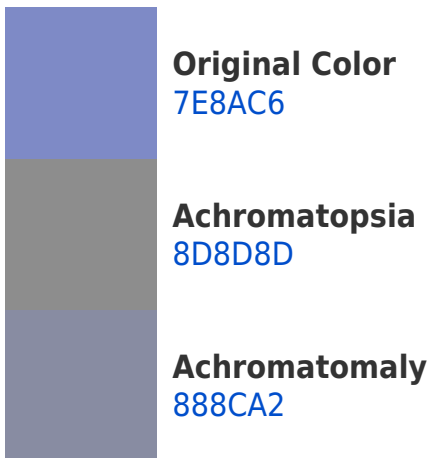


Tritanopia
75929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E8AC6 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 #7E8AC6 looks like.

```
.text, #text, p{  
    color:#7E8AC6  
}
```

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 #7E8AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8AC6  
}
```

Border

The CSS property to change the border of an element to Hex 7E8AC6 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  
#7E8AC6 }
```

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

```
.border{ border-color:#7E8AC6 }
```

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

Here you see how a box with a 4 pixel #7E8AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8AC6; -webkit-box-shadow:4px 4px  
4px 4px #7E8AC6; box-shadow:4px 4px 4px  
4px #7E8AC6 }
```

Background

The CSS property to change the background color of an element to Hex 7E8AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8AC6 }
```

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

```
.background{ background-color:#7E8AC6 }
```

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