

Converting Colors

Hex(7C8FA6)

Have a look what the booklet for
Hex(7C8FA6) contains.

Hex(7C8FA6)	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(7C8FA6)

Conversions

Conversions Part 1

Format	Color
Hex	7C8FA6
RGB	124, 143, 166
RGB Percent	49%, 56%, 65%
CMY	0.5137, 0.4392, 0.3490
CMYK	0.25, 0.14, 0.00, 0.35
HSL	213°, 19%, 57%
HSV	213°, 25%, 65%
XYZ	25.0176, 26.6832, 39.9082
YIQ	139.9410, -18.7070, 3.1250

Conversions

Conversions Part 2

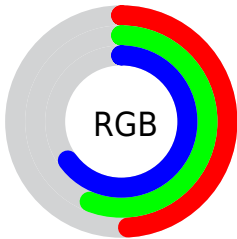
Format	Color
RYB	124, 137, 166
Decimal	8163238
CIELab	58.68, -1.46, -14.37
CIELCh	59, 14.446, 264.191
Yxy	26.6832, 0.2731, 0.2913
Android (android.graphics.Color)	4286353318 (0xFF7C8FA6)
YUV	139.9410, 12.8471, -13.9803
Hunter-Lab	51.6558, -3.9477, -9.6472

Details

The Hex color **7C8FA6** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A6937C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B1C5DD**, and **4A5D72** is the 20% darker color. If you saturate the color by 10%, you get **6B86A6**, and if you desaturate by 10%, it is **8D98A6**.

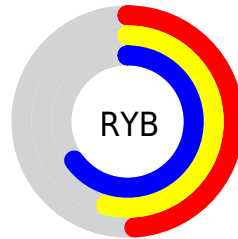
Distribution



Red (49%)

Green (56%)

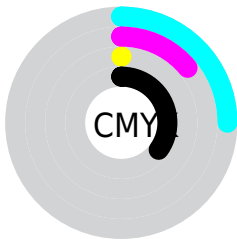
Blue (65%)



Red (49%)

Yellow (54%)

Blue (65%)

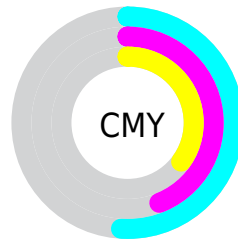


Cyan (25%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8FA6 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 7C8FA6 by changing the saturation by 10% instead.



7C8FA6



7C8FA6

FFFFFF



63758C



B1C5DD



4A5D72



CDE1FA



32455A



E9FDFF



1B2F42



041A2C



000118



000000



7C8FA6



7C8FA6



6B86A6



8D98A6

5B7DA6

9DA1A6

4A74A6

AEAAA6

3A6BA6

BEB3A6

2962A6

CFBCA6

1858A6

E0C6A6

084FA6

F0CFA6

004BA6

FFD8A6

FFE1A6

Harmonies

Analogous

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



7092A1



7C8FA6



8C8BA4

Triad

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



7C8FA6



A88583



7E937E

Complementary

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



7C8FA6



A6937C

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.



8C9076



7C8FA6



A48779

Square

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



7C8FA6



A58590



9A8B74



71948A

Rectangle

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



7C8FA6



97889F



9A8B74



82927B

Sweetspot

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



7C8FA6



C7CFD9



7CA692



63686E



EDEDED



6E6E6E

Same Dimension

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



7C8FA6



98B5D9



7D7CA6



4C5054



004394



000914

Inverse Universe

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



A67C8F



D998B5



A5A67C



544C50



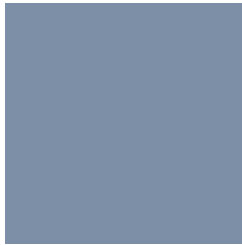
940043



140009

Previews

White Background



This preview shows how the Hex color 7C8FA6 looks on a white background.

Color Contrast Check

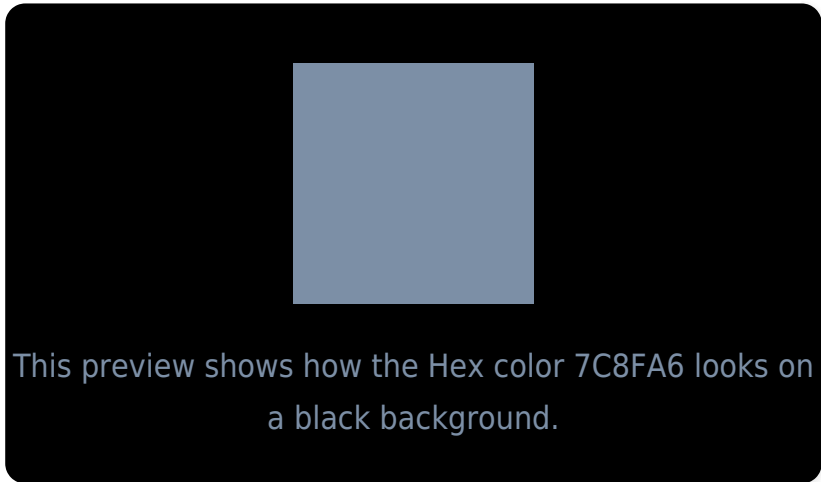
Large Text (above 18pt) WCAG AA ✓ Pass

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

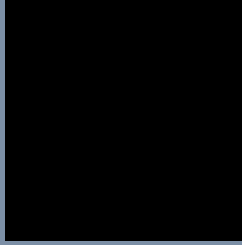
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

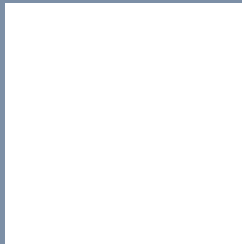
Any Text WCAG AAA × Fail

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

Hex 7C8FA6 Background



This preview shows how black text looks on a background with the Hex color 7C8FA6.




This preview shows how white text looks on a background with the Hex color 7C8FA6.

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
7A919C

Trichromacy



Original Color
7C8FA6

Protanomaly
848DA5

Deuteranomaly
878CA7

Tritanomaly
7B90A0

Monochromacy



Original Color
7C8FA6

Achromatopsia
8C8C8C

Achromatomaly
868D95

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8FA6 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 #7C8FA6 looks like.

```
.text, #text, p{  
    color:#7C8FA6  
}
```

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 #7C8FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8FA6
}
```

Border

The CSS property to change the border of an element to Hex 7C8FA6 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
#7C8FA6 }
```

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

```
.border{ border-color:#7C8FA6 }
```

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

Here you see how a box with a 4 pixel #7C8FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8FA6; -webkit-box-shadow:4px 4px  
4px 4px #7C8FA6; box-shadow:4px 4px 4px  
4px #7C8FA6 }
```

Background

The CSS property to change the background color of an element to Hex 7C8FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8FA6 }
```

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

```
.background{ background-color:#7C8FA6 }
```

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