

Converting Colors

Hex(7E8EA6)

Have a look what the booklet for
Hex(7E8EA6) contains.

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Color

Hex(7E8EA6)

Conversions

Conversions Part 1

Format	Color
Hex	7E8EA6
RGB	126, 142, 166
RGB Percent	49%, 56%, 65%
CMY	0.5059, 0.4431, 0.3490
CMYK	0.24, 0.14, 0.00, 0.35
HSL	216°, 18%, 57%
HSV	216°, 24%, 65%
XYZ	25.1601, 26.5348, 39.8720
YIQ	139.9520, -17.2400, 4.0720

Conversions

Conversions Part 2

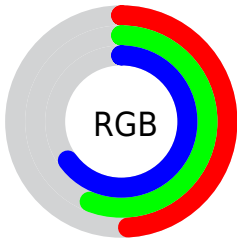
Format	Color
R_{YB}	126, 137, 166
Decimal	8294054
CIE _{Lab}	58.54, -0.26, -14.57
CIE _{LCh}	59, 14.570, 268.990
Yxy	26.5348, 0.2748, 0.2898
Android (android.graphics.Color)	4286484134 (0xFF7E8EA6)
YUV	139.9520, 12.8417, -12.2359
Hunter-Lab	51.5119, -2.9606, -9.8342

Details

The Hex color **7E8EA6** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A6967E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B3C4DD**, and **4C5C72** is the 20% darker color. If you saturate the color by 10%, you get **6D84A6**, and if you desaturate by 10%, it is **8F98A6**.

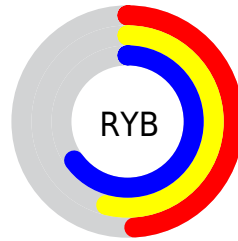
Distribution



Red (49%)

Green (56%)

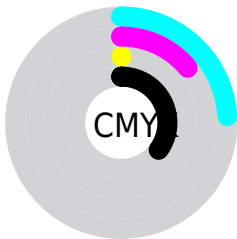
Blue (65%)



Red (49%)

Yellow (54%)

Blue (65%)

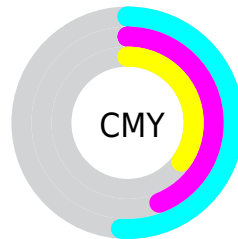


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E8EA6 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 7E8EA6 by changing the saturation by 10% instead.



7E8EA6



7E8EA6

FFFFFF



65748C



B3C4DD



4C5C72



CFE0FA



34445A



EBFCFF



1E2E42



061A2C



000118



000000



7E8EA6



7E8EA6



6D84A6



8F98A6

5D7AA6

9FA2A6

4C70A6

B0ACA6

3C66A6

C0B6A6

2B5CA6

D1C0A6

1A52A6

E2CAA6

0A48A6

F2D4A6

0042A6

FFDEA6

FFE8A6

Harmonies

Analogous

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



7092A2



7E8EA6



8F8AA3

Triad

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



7E8EA6



A78581



7B937F

Complementary

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



7E8EA6



A6967E

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.



899076



7E8EA6



A28877

Square

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



7E8EA6



A6848E



978C73



6F948C

Rectangle

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



7E8EA6



99879E



978C73



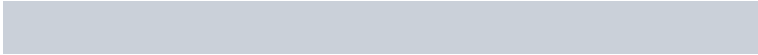
80927C

Sweetspot

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



7E8EA6



CAD0D9



7EA696



65686E



EDEDED



6E6E6E

Same Dimension

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



7E8EA6



9AB3D9



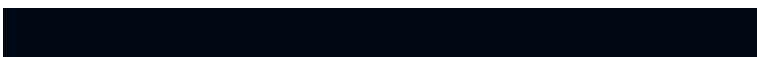
827EA6



4C4F54



003B94



000814

Inverse Universe

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



A67E8E



D99AB3



A2A67E



544C4F



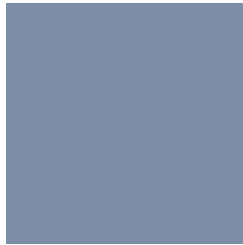
94003B



140008

Previews

White Background



This preview shows how the Hex color 7E8EA6 looks on a white background.

Color Contrast Check

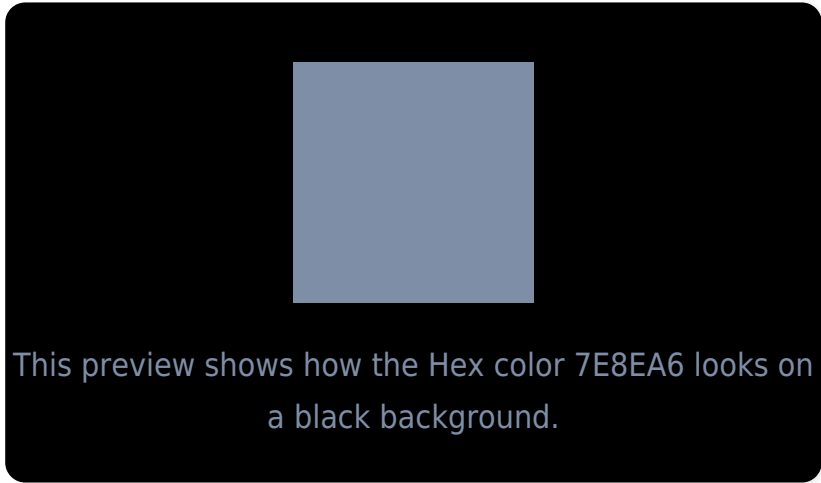
Large Text (above 18pt) WCAG AA ✓ Pass

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

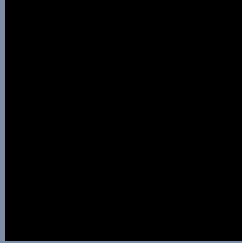
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

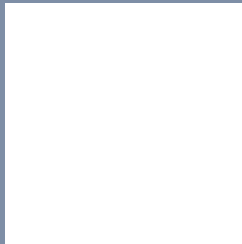
Any Text WCAG AAA × Fail

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

Hex 7E8EA6 Background



This preview shows how black text looks on a background with the Hex color 7E8EA6.



This preview shows how white text looks on a background with the Hex color 7E8EA6.

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
7E8EA6

Protanopia
888BA4

Deuteranopia
8D89A7



Tritanopia
7C909B

Trichromacy



Original Color
7E8EA6

Protanomaly
848CA5

Deuteranomaly
888BA7

Tritanomaly
7D8F9F

Monochromacy



Original Color
7E8EA6

Achromatopsia
8C8C8C

Achromatomaly
878D95

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E8EA6 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 #7E8EA6 looks like.

```
.text, #text, p{  
    color:#7E8EA6  
}
```

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 #7E8EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8EA6
}
```

Border

The CSS property to change the border of an element to Hex 7E8EA6 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
#7E8EA6 }
```

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

```
.border{ border-color:#7E8EA6 }
```

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

Here you see how a box with a 4 pixel #7E8EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8EA6; -webkit-box-shadow:4px 4px  
4px 4px #7E8EA6; box-shadow:4px 4px 4px  
4px #7E8EA6 }
```

Background

The CSS property to change the background color of an element to Hex 7E8EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8EA6 }
```

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

```
.background{ background-color:#7E8EA6 }
```

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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