

Converting Colors

Hex(7D8EA1)

Have a look what the booklet for
Hex(7D8EA1) contains.

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Color

Hex(7D8EA1)

Conversions

Conversions Part 1

Format	Color
Hex	7D8EA1
RGB	125, 142, 161
RGB Percent	49%, 56%, 63%
CMY	0.5098, 0.4431, 0.3686
CMYK	0.22, 0.12, 0.00, 0.37
HSL	212°, 16%, 56%
HSV	212°, 22%, 63%
XYZ	24.5635, 26.2792, 37.4960
YIQ	139.0830, -16.2310, 2.3050

Conversions

Conversions Part 2

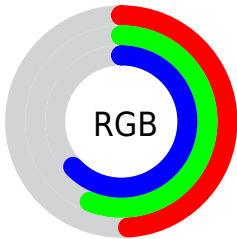
Format	Color
RYB	125, 137, 161
Decimal	8228513
CIELab	58.30, -1.78, -12.08
CIELCh	58, 12.211, 261.619
Yxy	26.2792, 0.2781, 0.2975
Android (android.graphics.Color)	4286418593 (0xFF7D8EA1)
YUV	139.0830, 10.8051, -12.3508
Hunter-Lab	51.2632, -4.1800, -7.4828

Details

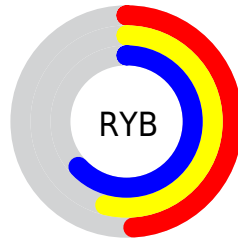
The Hex color **7D8EA1** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A1907D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B2C4D8**, and **4B5C6D** is the 20% darker color. If you saturate the color by 10%, you get **6D86A1**, and if you desaturate by 10%, it is **8D96A1**.

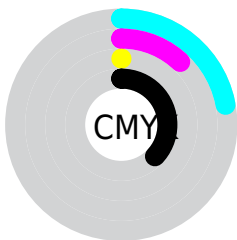
Distribution



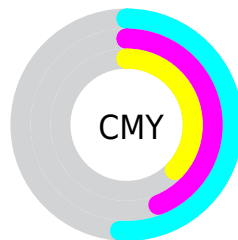
- Red (49%)
- Green (56%)
- Blue (63%)



- Red (49%)
- Yellow (54%)
- Blue (63%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (51%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8EA1 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 7D8EA1 by changing the saturation by 10% instead.

■ 7D8EA1

FFFFFF

■ B2C4D8

■ CEE0F4

■ EAF0FF

■ 7D8EA1

■ 647487

■ 4B5C6D

■ 344455

■ 1D2E3E

■ 071A28

■ 000114

■ 000000

■ 7D8EA1

■ 6D86A1

■ 7D8EA1

■ 8D96A1

■ 5D7DA1

■ 9D9FA1

■ 4D75A1

■ ADA7A1

■ 3D6CA1

■ BDB0A1

■ 2D64A1

■ CEB8A1

■ 1C5BA1

■ DEC1A1

■ 0C53A1

■ EEC9A1

■ 004CA1

■ FED2A1

■ FFDA1

Harmonies

Analogous

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



73919C



7D8EA1



8A8AA0

Triad

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



7D8EA1



A38585



80917F

Complementary

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



7D8EA1



A1907D

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.



8C8E78



7D8EA1



A0877C

Square

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



7D8EA1



A08590



988A77



769289

Rectangle

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



7D8EA1



93889C



988A77



84907C

Sweetspot

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



7D8EA1



C2C9D1



7DA190



606469



E8E8E8



696969

Same Dimension

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



7D8EA1



99B3D1



7E7DA1



494D52



004591



000812

Inverse Universe

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



A17D8E



D199B3



A0A17D



52494D



910045



120008

Previews

White Background



This preview shows how the Hex color 7D8EA1 looks on a white background.

Color Contrast Check

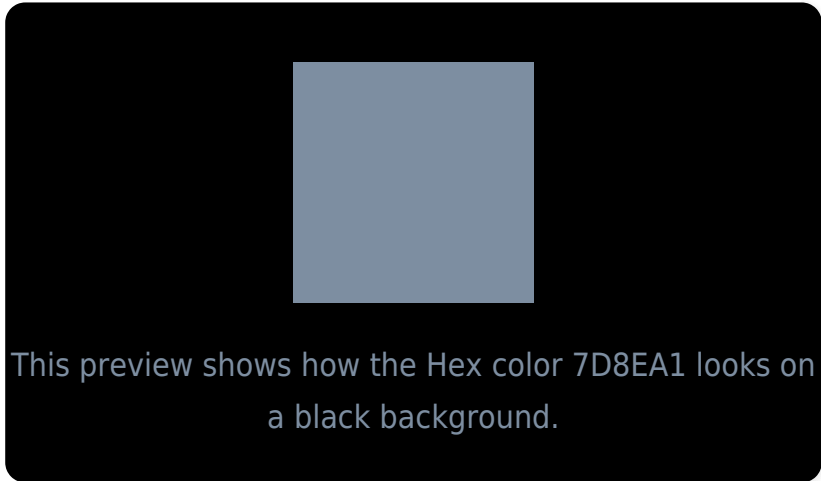
Large Text (above 18pt) WCAG AA ✓ Pass

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

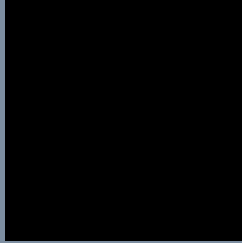
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

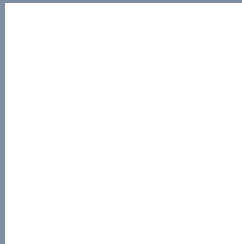
Any Text WCAG AAA × Fail

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

Hex 7D8EA1 Background



This preview shows how black text looks on a background with the Hex color 7D8EA1.

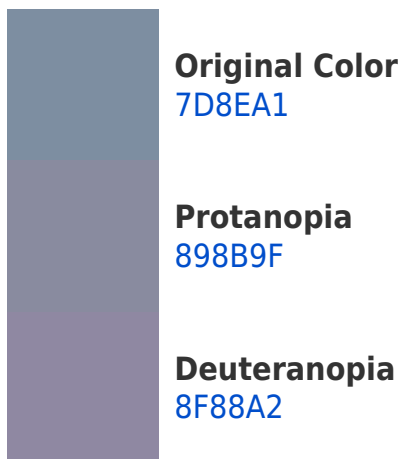


This preview shows how white text looks on a background with the Hex color 7D8EA1.

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
7C8F9A

Trichromacy



Original Color

7D8EA1

Protanomaly

858CA0

Deuteranomaly

888AA2

Tritanomaly

7C8F9D

Monochromacy



Original Color

7D8EA1

Achromatopsia

8B8B8B

Achromatomaly

868C93

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8EA1 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 #7D8EA1 looks like.

```
.text, #text, p{  
    color:#7D8EA1  
}
```

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 #7D8EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8EA1
}
```

Border

The CSS property to change the border of an element to Hex 7D8EA1 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
#7D8EA1 }
```

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

```
.border{ border-color:#7D8EA1 }
```

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

Here you see how a box with a 4 pixel #7D8EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8EA1; -webkit-box-shadow:4px 4px  
4px 4px #7D8EA1; box-shadow:4px 4px 4px  
4px #7D8EA1 }
```

Background

The CSS property to change the background color of an element to Hex 7D8EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8EA1 }
```

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

```
.background{ background-color:#7D8EA1 }
```

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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