

Converting Colors

Hex(7D8DBE)

Have a look what the booklet for
Hex(7D8DBE) contains.

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Color

Hex(7D8DBE)

Conversions

Conversions Part 1

Format	Color
Hex	7D8DBE
RGB	125, 141, 190
RGB Percent	49%, 55%, 75%
CMY	0.5098, 0.4471, 0.2549
CMYK	0.34, 0.26, 0.00, 0.25
HSL	225°, 33%, 62%
HSV	225°, 34%, 75%
XYZ	27.2766, 27.1274, 52.5137
YIQ	141.8020, -25.2650, 11.8470

Conversions

Conversions Part 2

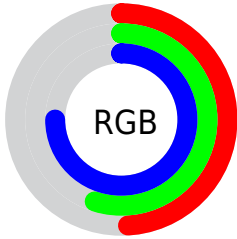
Format	Color
RYB	125, 138, 190
Decimal	8228286
CIELab	59.09, 6.13, -27.37
CIElCh	59, 28.053, 282.621
Yxy	27.1274, 0.2551, 0.2537
Android (android.graphics.Color)	4286418366 (0xFF7D8DBE)
YUV	141.8020, 23.7616, -14.7354
Hunter-Lab	52.0840, 2.3341, -23.3203

Details

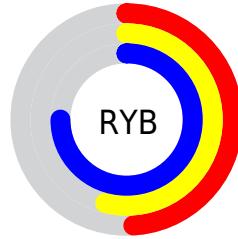
The Hex color **7D8DBE** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BEAE7D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B3C2F6**, and **495B88** is the 20% darker color. If you saturate the color by 10%, you get **6A7FBE**, and if you desaturate by 10%, it is **909BBE**.

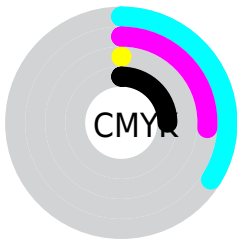
Distribution



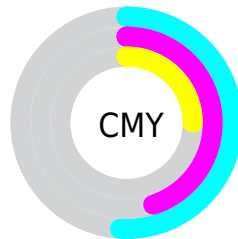
- Red (49%)
- Green (55%)
- Blue (75%)



- Red (49%)
- Yellow (54%)
- Blue (75%)



- Cyan (34%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)



- Cyan (51%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8DBE 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 7D8DBE by changing the saturation by 10% instead.

■ 7D8DBE

■ 7D8DBE

FFFFFF

■ 6374A3

■ B3C2F6

■ 495B88

■ CFDEFF

■ 30446F

■ ECFBFF

■ 152E56

■ 00193F

■ 000129

■ 000113

■ 000000

■ 7D8DBE

■ 7D8DBE

■ 6A7FBE

■ 909BBE

■ 5770BE

■ A3AABE

■ 4462BE

■ B6B8BE

■ 3154BE

■ C9C6BE

■ 1E45BE

■ DCD5BE

■ 0B37BE

■ EFE3BE

■ 002FBE

■ FFF1BE

■ FFFFBE

Harmonies

Analogous

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



5895BD



7D8DBE



9F84B3

Triad

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



7D8DBE



BB806E



5C9B7F

Complementary

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



7D8DBE



BEAE7D

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.



799769



7D8DBE



AC8860

Square

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



7D8DBE



BF7C85



95905E



429C98

Rectangle

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



7D8DBE



AF7FA5



95905E



669A77

Sweetspot

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



7D8DBE



DFE5F7



7DBEAE



6E727D



FCFCFC



7D7D7D

Same Dimension

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



7D8DBE



92ABF7



8D7DBE



55575E



00279E



00081F

Inverse Universe

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



BE7D8D



F792AB



AEBE7D



5E5557



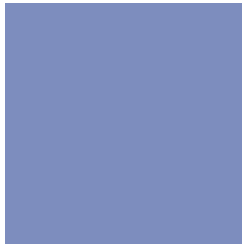
9E0027



1F0008

Previews

White Background



This preview shows how the Hex color 7D8DBE looks on a white background.

Color Contrast Check

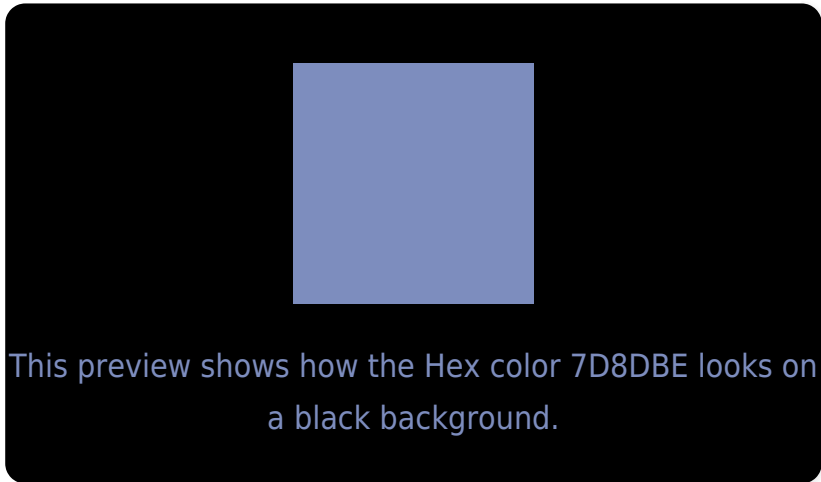
Large Text (above 18pt) WCAG AA ✓ Pass

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

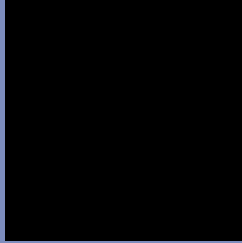
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

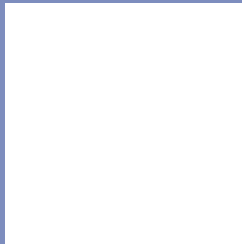
Any Text WCAG AAA × Fail

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

Hex 7D8DBE Background



This preview shows how black text looks on a background with the Hex color 7D8DBE.



This preview shows how white text looks on a background with the Hex color 7D8DBE.

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


7D8DBE

Protanopia

808CBD

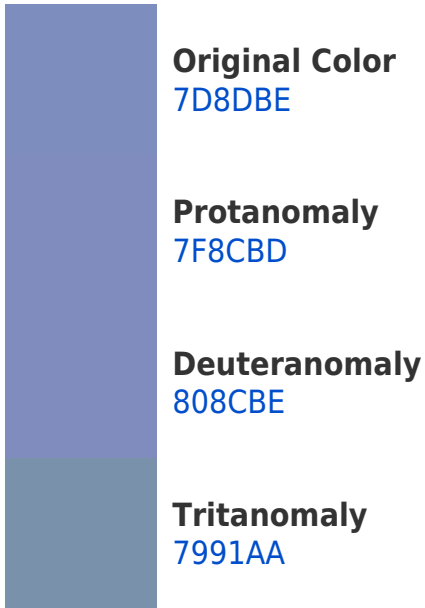
Deuteranopia

818CBE



Tritanopia
76939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8DBE 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 #7D8DBE looks like.

```
.text, #text, p{  
    color:#7D8DBE  
}
```

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 #7D8DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8DBE
}
```

Border

The CSS property to change the border of an element to Hex 7D8DBE 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
#7D8DBE }
```

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

```
.border{ border-color:#7D8DBE }
```

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

Here you see how a box with a 4 pixel #7D8DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8DBE; -webkit-box-shadow:4px 4px  
4px 4px #7D8DBE; box-shadow:4px 4px 4px  
4px #7D8DBE }
```

Background

The CSS property to change the background color of an element to Hex 7D8DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8DBE }
```

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

```
.background{ background-color:#7D8DBE }
```

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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