

Converting Colors

Hex(7D8BB3)

Have a look what the booklet for
Hex(7D8BB3) contains.

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Color

Hex(7D8BB3)

Conversions

Conversions Part 1

Format	Color
Hex	7D8BB3
RGB	125, 139, 179
RGB Percent	49%, 55%, 70%
CMY	0.5098, 0.4549, 0.2980
CMYK	0.30, 0.22, 0.00, 0.30
HSL	224°, 26%, 60%
HSV	224°, 30%, 70%
XYZ	25.8267, 26.0799, 46.3205
YIQ	139.3740, -21.1840, 9.4720

Conversions

Conversions Part 2

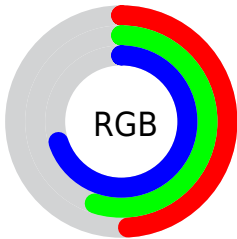
Format	Color
R_{YB}	125, 136, 179
Decimal	8227763
CIE _{Lab}	58.11, 4.40, -22.64
CIE _{LCh}	58, 23.062, 281.001
Yxy	26.0799, 0.2629, 0.2655
Android (android.graphics.Color)	4286417843 (0xFF7D8BB3)
YUV	139.3740, 19.5356, -12.6060
Hunter-Lab	51.0685, 0.9026, -18.0298

Details

The Hex color **7D8BB3** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B3A57D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B3C0EB**, and **4A597E** is the 20% darker color. If you saturate the color by 10%, you get **6B7EB3**, and if you desaturate by 10%, it is **8F98B3**.

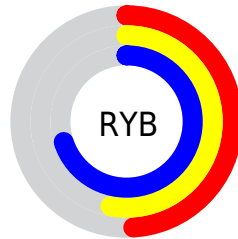
Distribution



Red (49%)

Green (55%)

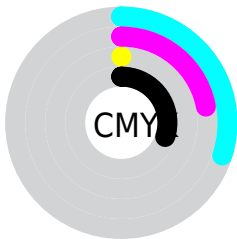
Blue (70%)



Red (49%)

Yellow (53%)

Blue (70%)

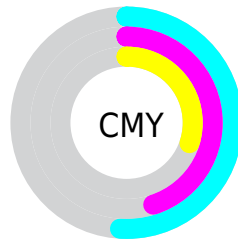


Cyan (30%)

Magenta (22%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (45%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8BB3 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 7D8BB3 by changing the saturation by 10% instead.

■ 7D8BB3

■ 7D8BB3

FFFFFF

■ 637298

■ B3C0EB

■ 4A597E

■ CFDCFF

■ 324265

■ EBF9FF

■ 192C4D

■ 001836

■ 000221

■ 000005

■ 000000

■ 7D8BB3

■ 7D8BB3

6B7EB3

8F98B3

5970B3

A1A6B3

4763B3

B3B3B3

3556B3

C5C0B3

2349B3

D6CDB3

123BB3

E8DBB3

002EB3

FAE8B3

FFF5B3

FFFFB3

Harmonies

Analogous

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



6191B1



7D8BB3



9884AA

Triad

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



7D8BB3



B28072



65967E

Complementary

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



7D8BB3



B3A57D

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.



7C926D



7D8BB3



A68666

Square

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



7D8BB3



B47D85



938D64



539793

Rectangle

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



7D8BB3



A680A0



938D64



6D9578

Sweetspot

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



7D8BB3



D3D9E8



7DB3A5



686C75



F5F5F5



757575

Same Dimension

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



7D8BB3



95AAE8



8A7DB3



505359



002899



00071A

Inverse Universe

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



B37D8B



E895AA



A6B37D



595053



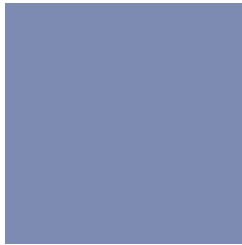
990028



1A0007

Previews

White Background



This preview shows how the Hex color 7D8BB3 looks on a white background.

Color Contrast Check

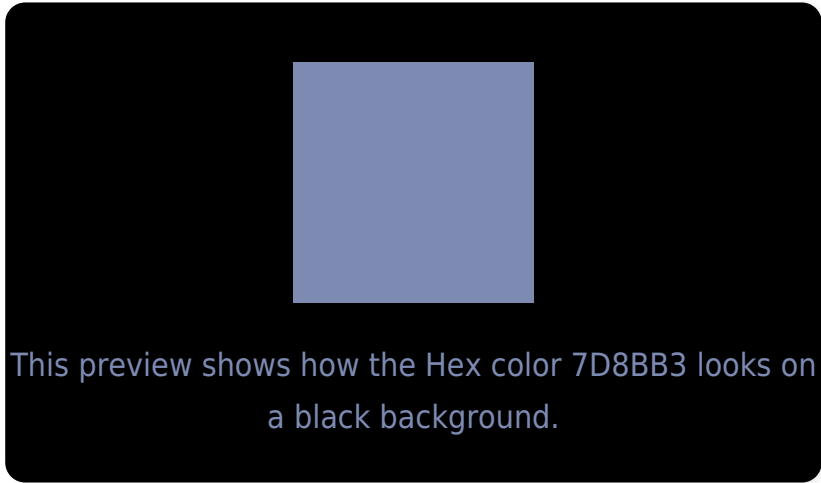
Large Text (above 18pt) WCAG AA ✓ Pass

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

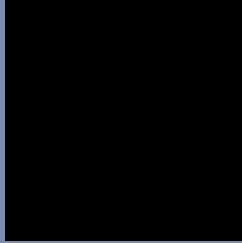
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

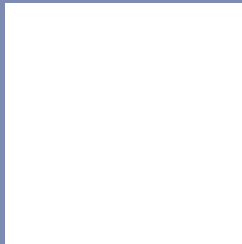
Any Text WCAG AAA × Fail

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

Hex 7D8BB3 Background



This preview shows how black text looks on a background with the Hex color 7D8BB3.



This preview shows how white text looks on a background with the Hex color 7D8BB3.

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

7D8BB3

Protanopia

818AB2

Deuteranopia

8489B3



Tritanopia
788F9B

Trichromacy



Original Color
7D8BB3

Protanomaly
808AB2

Deuteranomaly
818AB3

Tritanomaly
7A8EA4

Monochromacy



Original Color
7D8BB3

Achromatopsia
8B8B8B

Achromatomaly
868B9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8BB3 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 #7D8BB3 looks like.

```
.text, #text, p{  
    color:#7D8BB3  
}
```

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 #7D8BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8BB3
}
```

Border

The CSS property to change the border of an element to Hex 7D8BB3 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
#7D8BB3 }
```

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

```
.border{ border-color:#7D8BB3 }
```

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

Here you see how a box with a 4 pixel #7D8BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8BB3; -webkit-box-shadow:4px 4px  
4px 4px #7D8BB3; box-shadow:4px 4px 4px  
4px #7D8BB3 }
```

Background

The CSS property to change the background color of an element to Hex 7D8BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8BB3 }
```

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

```
.background{ background-color:#7D8BB3 }
```

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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