

Converting Colors

Hex(7D83C1)

Have a look what the booklet for
Hex(7D83C1) contains.

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Color

Hex(7D83C1)

Conversions

Conversions Part 1

Format	Color
Hex	7D83C1
RGB	125, 131, 193
RGB Percent	49%, 51%, 76%
CMY	0.5098, 0.4863, 0.2431
CMYK	0.35, 0.32, 0.00, 0.24
HSL	235°, 35%, 62%
HSV	235°, 35%, 76%
XYZ	26.1994, 24.4428, 53.7892
YIQ	136.2740, -23.4780, 18.0100

Conversions

Conversions Part 2

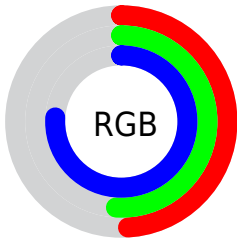
Format	Color
R_{YB}	125, 131, 193
Decimal	8225729
CIE Lab	56.53, 12.78, -33.05
CIE LCh	57, 35.439, 291.138
Yxy	24.4428, 0.2509, 0.2341
Android (android.graphics.Color)	4286415809 (0xFF7D83C1)
YUV	136.2740, 27.9659, -9.8873
Hunter-Lab	49.4397, 8.0724, -29.8983

Details

The Hex color **7D83C1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C1BB7D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B3B8FA**, and **49528B** is the 20% darker color. If you saturate the color by 10%, you get **6A71C1**, and if you desaturate by 10%, it is **9095C1**.

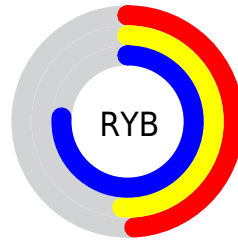
Distribution



Red (49%)

Green (51%)

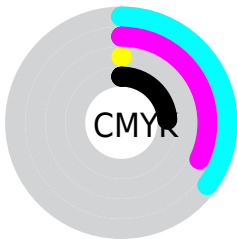
Blue (76%)



Red (49%)

Yellow (51%)

Blue (76%)

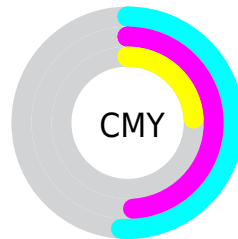


Cyan (35%)

Magenta (32%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D83C1 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 7D83C1 by changing the saturation by 10% instead.

■ 7D83C1

■ 7D83C1

FFFFFF

■ 636AA6

■ B3B8FA

■ 49528B

■ D0D3FF

■ 2F3B71

■ ECF0FF

■ 122659

■ 001241

■ 00032A

■ 000115

■ 000000

■ 7D83C1

■ 7D83C1

6A71C1

9095C1

5660C1

A4A6C1

434EC1

B7B8C1

303DC1

CAC9C1

1C2BC1

DEDBC1

0919C1

F1EDC1

0011C1

FF FEC1

FF FC1

Harmonies

Analogous

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



458DC4



7D83C1



A578AF

Triad

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



7D83C1



B97859



35977D

Complementary

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



7D83C1



C1BB7D

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.



629460



7D83C1



A3834A

Square

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



7D83C1



C37073



858C4D



00989D

Rectangle

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



7D83C1



B7729C



858C4D



469673

Sweetspot

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



7D83C1



DEE1FA



7DC1BA



6D6E7D



FCFCFC



7D7D7D

Same Dimension

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



7D83C1



919AFA



987DC1



575861



000EA1



000321

Inverse Universe

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



C17D83



FA919A



A6C17D



615758



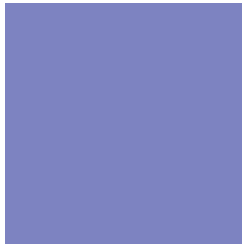
A1000E



210003

Previews

White Background



This preview shows how the Hex color 7D83C1 looks on a white background.

Color Contrast Check

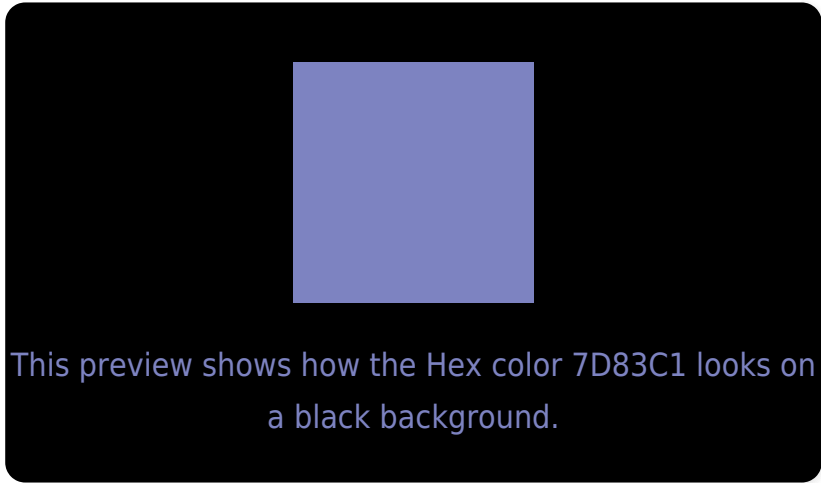
Large Text (above 18pt) WCAG AA ✓ Pass

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

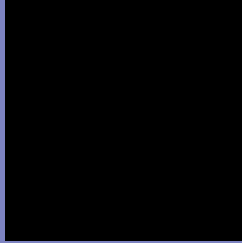
Any Text WCAG AA ✓ Pass

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 7D83C1 Background



This preview shows how black text looks on a background with the Hex color 7D83C1.



This preview shows how white text looks on a background with the Hex color 7D83C1.

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
7D83C1

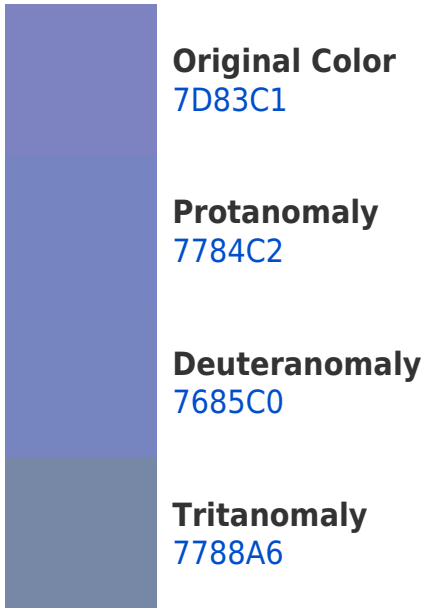
Protanopia
7485C3

Deuteranopia
7286C0



Tritanopia
738B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D83C1 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 #7D83C1 looks like.

```
.text, #text, p{  
    color:#7D83C1  
}
```

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 #7D83C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D83C1
}
```

Border

The CSS property to change the border of an element to Hex 7D83C1 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
#7D83C1 }
```

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

```
.border{ border-color:#7D83C1 }
```

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

Here you see how a box with a 4 pixel #7D83C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D83C1; -webkit-box-shadow:4px 4px  
4px 4px #7D83C1; box-shadow:4px 4px 4px  
4px #7D83C1 }
```

Background

The CSS property to change the background color of an element to Hex 7D83C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D83C1 }
```

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

```
.background{ background-color:#7D83C1 }
```

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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