

Converting Colors

Hex(7D83D3)

Have a look what the booklet for
Hex(7D83D3) contains.

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Color

Hex(7D83D3)

Conversions

Conversions Part 1

Format	Color
Hex	7D83D3
RGB	125, 131, 211
RGB Percent	49%, 51%, 83%
CMY	0.5098, 0.4863, 0.1725
CMYK	0.41, 0.38, 0.00, 0.17
HSL	236°, 49%, 66%
HSV	236°, 41%, 83%
XYZ	28.3316, 25.2957, 65.0173
YIQ	138.3260, -29.2560, 23.6080

Conversions

Conversions Part 2

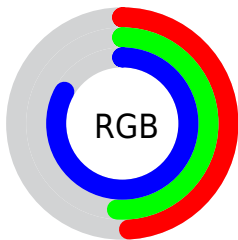
Format	Color
R _{YB}	125, 131, 211
Decimal	8225747
CIE Lab	57.36, 17.78, -41.93
CIE LCh	57, 45.546, 292.983
Yxy	25.2957, 0.2388, 0.2132
Android (android.graphics.Color)	4286415827 (0xFF7D83D3)
YUV	138.3260, 35.8283, -11.6869
Hunter-Lab	50.2949, 12.5349, -41.4392

Details

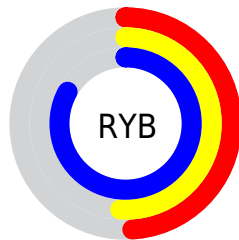
The Hex color **7D83D3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D3CD7D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B5B8FF**, and **47529C** is the 20% darker color. If you saturate the color by 10%, you get **686FD3**, and if you desaturate by 10%, it is **9297D3**.

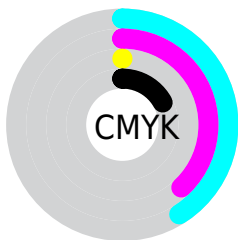
Distribution



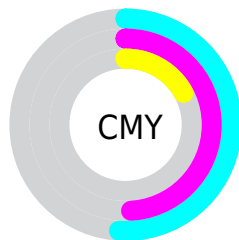
- Red (49%)
- Green (51%)
- Blue (83%)



- Red (49%)
- Yellow (51%)
- Blue (83%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (51%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D83D3 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 7D83D3 by changing the saturation by 10% instead.

7D83D3

7D83D3

FFFFFF

626AB7

B5B8FF

47529C

D1D3FF

2A3B82

EEF0FF

022668

00124F

000038

000222

000007

000000

■ 7D83D3

■ 7D83D3

■ 686FD3

■ 9297D3

■ 535CD3

■ A7AAD3

■ 3E48D3

■ BCBED3

■ 2934D3

■ D1D2D3

■ 1421D3

■ E6E5D3

■ 000FD3

■ FCF9D3

■ FFFFD3

Harmonies

Analogous

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



1391D8



7D83D3



B273BA

Triad

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



7D83D3



C5764B



009D7F

Complementary

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



7D83D3



D3CD7D

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.



529958



7D83D3



A98438

Square

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



7D83D3



D46A6D



82913D



009DA8

Rectangle

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



7D83D3



C76BA2



82913D



1D9C71

Sweetspot

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



7D83D3



E0E3FF



7DD3CC



6E6F80



000000



808080

Same Dimension

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



7D83D3



828BFF



A17DD3



5E5F69



000CA8



000329

Inverse Universe

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



D37D83



FF828B



AFD37D



695E5F



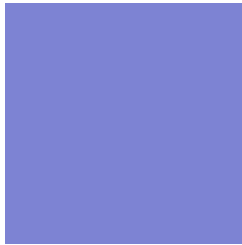
A8000C



290003

Previews

White Background



This preview shows how the Hex color 7D83D3 looks on a white background.

Color Contrast Check

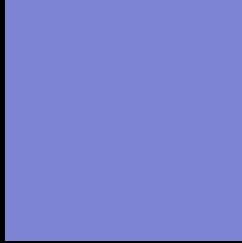
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7D83D3 looks on a 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 7D83D3 Background



This preview shows how black text looks on a background with the Hex color 7D83D3.



This preview shows how white text looks on a background with the Hex color 7D83D3.

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](#).

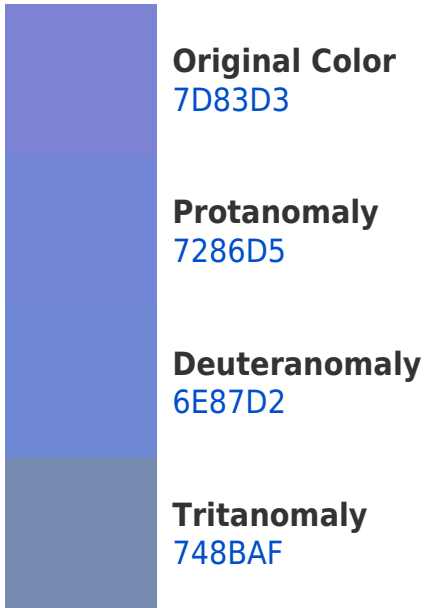
Dichromacy



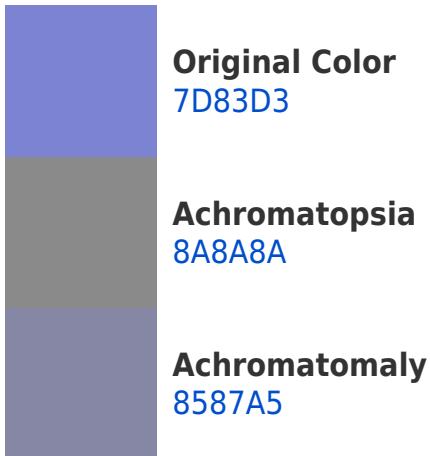


Tritanopia
6F8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D83D3 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 #7D83D3 looks like.

```
.text, #text, p{  
    color:#7D83D3  
}
```

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 #7D83D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D83D3
}
```

Border

The CSS property to change the border of an element to Hex 7D83D3 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
#7D83D3 }
```

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

```
.border{ border-color:#7D83D3 }
```

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

Here you see how a box with a 4 pixel #7D83D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D83D3; -webkit-box-shadow:4px 4px  
4px 4px #7D83D3; box-shadow:4px 4px 4px  
4px #7D83D3 }
```

Background

The CSS property to change the background color of an element to Hex 7D83D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D83D3 }
```

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

```
.background{ background-color:#7D83D3 }
```

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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