

Converting Colors

Hex(7D88BD)

Have a look what the booklet for
Hex(7D88BD) contains.

Hex(7D88BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7D88BD)

Conversions

Conversions Part 1

Format	Color
Hex	7D88BD
RGB	125, 136, 189
RGB Percent	49%, 53%, 74%
CMY	0.5098, 0.4667, 0.2588
CMYK	0.34, 0.28, 0.00, 0.26
HSL	230°, 33%, 62%
HSV	230°, 34%, 74%
XYZ	26.4469, 25.6424, 51.6997
YIQ	138.7530, -23.5690, 14.1510

Conversions

Conversions Part 2

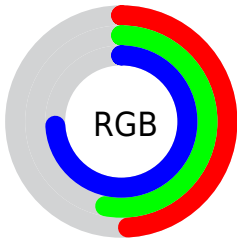
Format	Color
R_{YB}	125, 134, 189
Decimal	8227005
CIE _{Lab}	57.70, 8.77, -28.97
CIE _{LCh}	58, 30.265, 286.842
Yxy	25.6424, 0.2548, 0.2471
Android (android.graphics.Color)	4286417085 (0xFF7D88BD)
YUV	138.7530, 24.7718, -12.0614
Hunter-Lab	50.6383, 4.6082, -25.0858

Details

The Hex color **7D88BD** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BDB27D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B3BDF5**, and **495687** is the 20% darker color. If you saturate the color by 10%, you get **6A78BD**, and if you desaturate by 10%, it is **9098BD**.

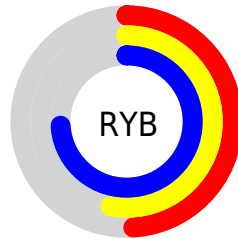
Distribution



Red (49%)

Green (53%)

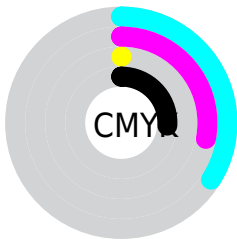
Blue (74%)



Red (49%)

Yellow (53%)

Blue (74%)

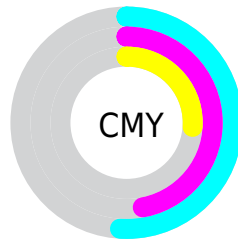


Cyan (34%)

Magenta (28%)

Yellow (0%)

Black (26%)



Cyan (51%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D88BD 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 7D88BD by changing the saturation by 10% instead.

■ 7D88BD

■ 7D88BD

FFFFFF

■ 636FA2

■ B3BDF5

■ 495687

■ CFD9FF

■ 303F6E

■ ECF5FF

■ 152A55

■ 00163E

■ 000328

■ 000111

■ 000000

■ 7D88BD

■ 7D88BD

■ 6A78BD

■ 9098BD

■ 5769BD

■ A3A7BD

■ 4459BD

■ B6B7BD

■ 3149BD

■ C9C7BD

■ 1E3ABD

■ DCD6BD

■ 0C2ABD

■ EEE6BD

■ 0020BD

■ FFF6BD

■ FFFFBD

Harmonies

Analogous

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



5291BE



7D88BD



A07EAF

Triad

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



7D88BD



B87C65



4F987E

Complementary

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



7D88BD



BDB27D

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.



6F9466



7D88BD



A78557

Square

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



7D88BD



BF777D



8D8E57



2F9999

Rectangle

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



7D88BD



B179A0



8D8E57



5A9775

Sweetspot

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



7D88BD



DCE1F5



7DBDB1



6C6E7A



FAFAFA



7A7A7A

Same Dimension

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



7D88BD



90A2F5



917DBD



55575E



001B9E



00051F

Inverse Universe

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



BD7D88



F590A2



A9BD7D



5E5557



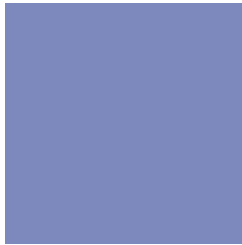
9E001B



1F0005

Previews

White Background



This preview shows how the Hex color 7D88BD looks on a white background.

Color Contrast Check

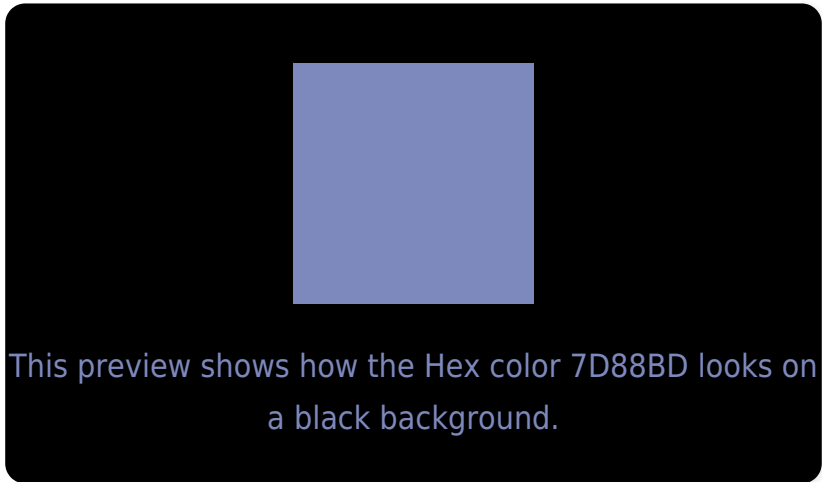
Large Text (above 18pt) WCAG AA ✓ Pass

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

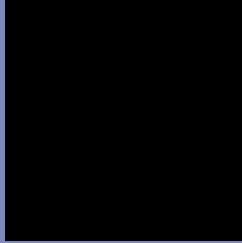
Any Text WCAG AA ✓ Pass

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 7D88BD Background



This preview shows how black text looks on a background with the Hex color 7D88BD.



This preview shows how white text looks on a background with the Hex color 7D88BD.

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

7D88BD

Protanopia

7B89BD

Deuteranopia

7B89BD



Tritanopia
758F9A

Trichromacy



Original Color
7D88BD

Protanomaly
7C89BD

Deuteranomaly
7C89BD

Tritanomaly
788CA7

Monochromacy



Original Color
7D88BD

Achromatopsia
8B8B8B

Achromatomaly
868A9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D88BD 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 #7D88BD looks like.

```
.text, #text, p{  
    color:#7D88BD  
}
```

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 #7D88BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D88BD
}
```

Border

The CSS property to change the border of an element to Hex 7D88BD 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
#7D88BD }
```

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

```
.border{ border-color:#7D88BD }
```

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

Here you see how a box with a 4 pixel #7D88BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D88BD; -webkit-box-shadow:4px 4px  
4px 4px #7D88BD; box-shadow:4px 4px 4px  
4px #7D88BD }
```

Background

The CSS property to change the background color of an element to Hex 7D88BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D88BD }
```

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

```
.background{ background-color:#7D88BD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor