

Converting Colors

Hex(7985BD)

Have a look what the booklet for
Hex(7985BD) contains.

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Color

Hex(7985BD)

Conversions

Conversions Part 1

Format	Color
Hex	7985BD
RGB	121, 133, 189
RGB Percent	47%, 52%, 74%
CMY	0.5255, 0.4784, 0.2588
CMYK	0.36, 0.30, 0.00, 0.26
HSL	229°, 34%, 61%
HSV	229°, 36%, 74%
XYZ	25.4580, 24.5141, 51.5340
YIQ	135.7960, -25.1280, 14.8720

Conversions

Conversions Part 2

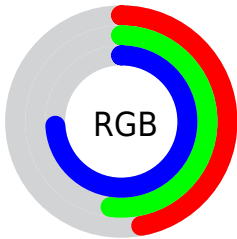
Format	Color
R_{YB}	121, 131, 189
Decimal	7964093
CIE Lab	56.60, 9.38, -30.69
CIE LCh	57, 32.092, 286.990
Yxy	24.5141, 0.2508, 0.2415
Android (android.graphics.Color)	4286154173 (0xFF7985BD)
YUV	135.7960, 26.2296, -12.9761
Hunter-Lab	49.5117, 5.1357, -27.0535

Details

The Hex color **7985BD** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **BDB179**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **AFBAF5**, and **455487** is the 20% darker color. If you saturate the color by 10%, you get **6675BD**, and if you desaturate by 10%, it is **8C95BD**.

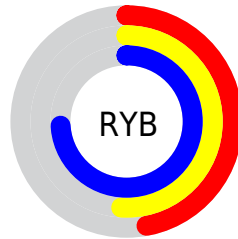
Distribution



Red (47%)

Green (52%)

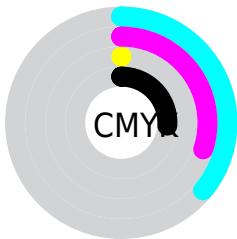
Blue (74%)



Red (47%)

Yellow (51%)

Blue (74%)

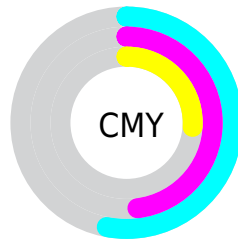


Cyan (36%)

Magenta (30%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (48%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7985BD 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 7985BD by changing the saturation by 10% instead.

■ 7985BD

■ 7985BD

FFFFFF

■ 5F6CA2

■ AFBAF5

■ 455487

■ CBD6FF

■ 2B3D6E

■ E8F2FF

■ 0E2755

■ 00133E

■ 000327

■ 000111

■ 000000

■ 7985BD

■ 7985BD

■ 6675BD

■ 8C95BD

■ 5366BD

■ 9FA4BD

■ 4056BD

■ B2B4BD

■ 2D47BD

■ C5C3BD

■ 1B37BD

■ D8D3BD

■ 0828BD

■ EAE2BD

■ 0021BD

■ FDF2BD

■ FFFFBD

Harmonies

Analogous

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



498EBE



7985BD



9F7BAE

Triad

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



7985BD



B87860



47967A

Complementary

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



7985BD



BDB179

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.



6B9261



7985BD



A58251

Square

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



7985BD



BE7279



8A8B51



1C9797

Rectangle

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



7985BD



B0759E



8A8B51



539571

Sweetspot

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



7985BD



DADFF5



79BDB1



6A6D7A



FAFAFA



7A7A7A

Same Dimension

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



7985BD



8C9EF5



8F79BD



55575E



001C9E



00051F

Inverse Universe

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



BD7985



F58C9E



A7BD79



5E5557



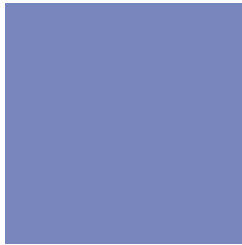
9E001C



1F0005

Previews

White Background



This preview shows how the Hex color 7985BD looks on a white background.

Color Contrast Check

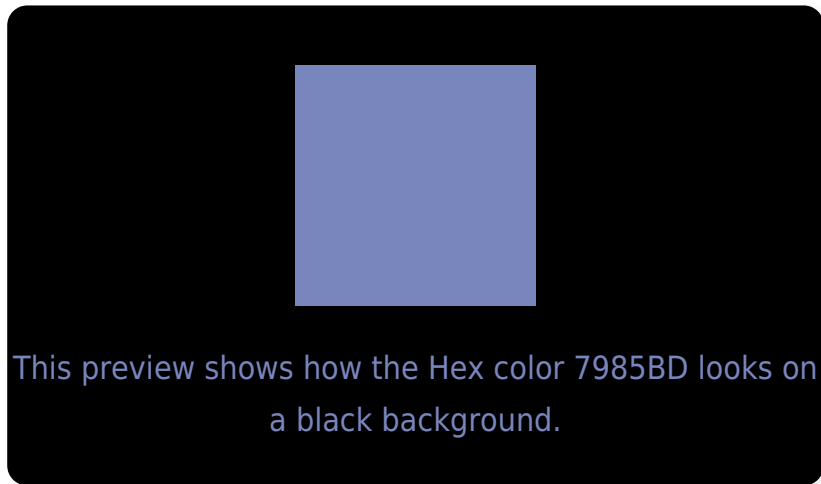
Large Text (above 18pt) WCAG AA ✓ Pass

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

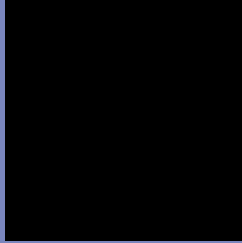
Any Text WCAG AA ✓ Pass

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 7985BD Background



This preview shows how black text looks on a background with the Hex color 7985BD.



This preview shows how white text looks on a background with the Hex color 7985BD.

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

7985BD

Protanopia

7686BD

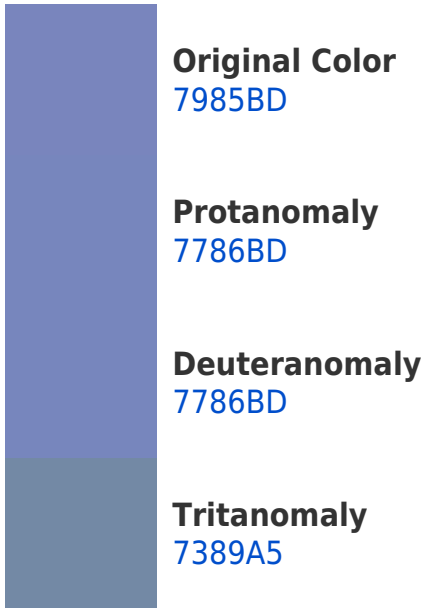
Deuteranopia

7686BD

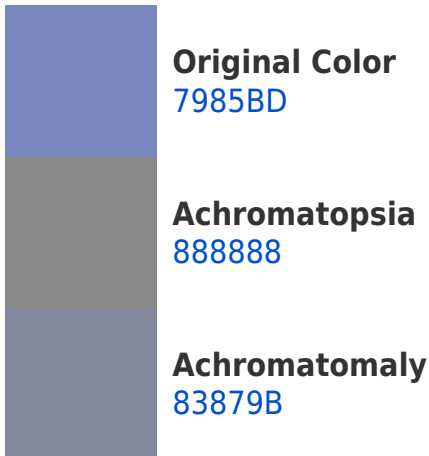


Tritanopia
708C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7985BD 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 #7985BD looks like.

```
.text, #text, p{  
    color:#7985BD  
}
```

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 #7985BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7985BD
}
```

Border

The CSS property to change the border of an element to Hex 7985BD 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
#7985BD }
```

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

```
.border{ border-color:#7985BD }
```

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

Here you see how a box with a 4 pixel #7985BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7985BD; -webkit-box-shadow:4px 4px  
4px 4px #7985BD; box-shadow:4px 4px 4px  
4px #7985BD }
```

Background

The CSS property to change the background color of an element to Hex 7985BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7985BD }
```

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

```
.background{ background-color:#7985BD }
```

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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