

Converting Colors

Hex(7A8DB9)

Have a look what the booklet for
Hex(7A8DB9) contains.

Hex(7A8DB9)	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(7A8DB9)

Conversions

Conversions Part 1

Format	Color
Hex	7A8DB9
RGB	122, 141, 185
RGB Percent	48%, 55%, 73%
CMY	0.5216, 0.4471, 0.2745
CMYK	0.34, 0.24, 0.00, 0.27
HSL	222°, 31%, 60%
HSV	222°, 34%, 73%
XYZ	26.3079, 26.6901, 49.6641
YIQ	140.3350, -25.4480, 9.6560

Conversions

Conversions Part 2

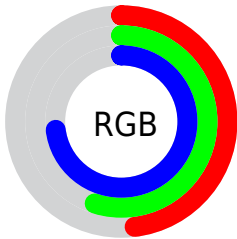
Format	Color
R_{YB}	122, 137, 185
Decimal	8031673
CIE _{Lab}	58.69, 3.93, -25.18
CIE _{LCh}	59, 25.489, 278.863
Yxy	26.6901, 0.2563, 0.2600
Android (android.graphics.Color)	4286221753 (0xFF7A8DB9)
YUV	140.3350, 22.0198, -16.0798
Hunter-Lab	51.6625, 0.4875, -20.8328

Details

The Hex color **7A8DB9** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **B9A67A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B0C2F1**, and **475B84** is the 20% darker color. If you saturate the color by 10%, you get **6880B9**, and if you desaturate by 10%, it is **8D9AB9**.

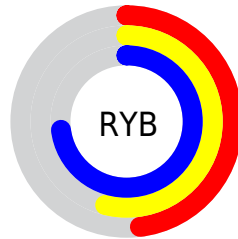
Distribution



Red (48%)

Green (55%)

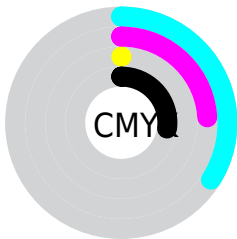
Blue (73%)



Red (48%)

Yellow (54%)

Blue (73%)

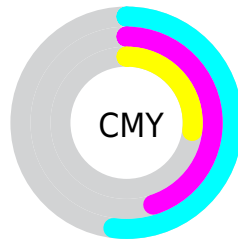


Cyan (34%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (52%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8DB9 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 7A8DB9 by changing the saturation by 10% instead.

■ 7A8DB9

■ 7A8DB9

FFFFFF

■ 60749E

■ B0C2F1

■ 475B84

■ CCDEFF

■ 2D446A

■ E8FBFF

■ 122E52

■ 00193B

■ 000225

■ 00010D

■ 000000

■ 7A8DB9

■ 7A8DB9

6880B9

8D9AB9

5573B9

9FA7B9

4366B9

B2B4B9

3059B9

C4C1B9

1E4CB9

D6CEB9

0B3FB9

E9DBB9

0038B9

FCE7B9

FFF4B9

FFFFB9

Harmonies

Analogous

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



5A94B6



7A8DB9



9985B0

Triad

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



7A8DB9



B78072



64987C

Complementary

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



7A8DB9



B9A67A

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.



7E946A



7A8DB9



AB8664

Square

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



7A8DB9



BA7D87



968E61



4D9A93

Rectangle

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



7A8DB9



A980A5



968E61



6C9775

Sweetspot

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



7A8DB9



D8DFF0



7AB9A5



696E78



F7F7F7



787878

Same Dimension

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



7A8DB9



8DABF0



867AB9



53555C



002F9C



00081C

Inverse Universe

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



B97A8D



F08DAB



ADB97A



5C5355



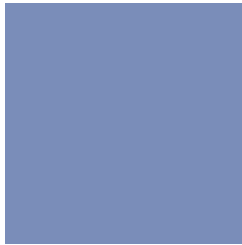
9C002F



1C0008

Previews

White Background



This preview shows how the Hex color 7A8DB9 looks on a white background.

Color Contrast Check

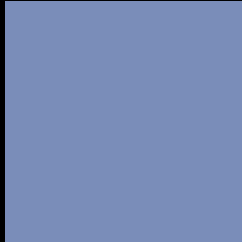
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A8DB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

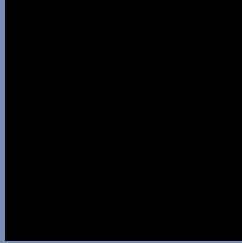
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

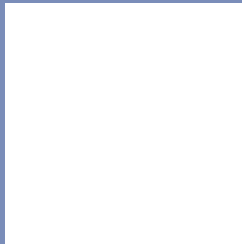
Any Text WCAG AAA × Fail

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

Hex 7A8DB9 Background



This preview shows how black text looks on a background with the Hex color 7A8DB9.



This preview shows how white text looks on a background with the Hex color 7A8DB9.

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

7A8DB9

Protanopia

818BB8

Deuteranopia

828BBA



Tritanopia
74929E

Trichromacy



Original Color

7A8DB9

Protanomaly

7E8CB8

Deuteranomaly

7F8CBA

Tritanomaly

7690A8

Monochromacy



Original Color

7A8DB9

Achromatopsia

8C8C8C

Achromatomaly

858C9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8DB9 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 #7A8DB9 looks like.

```
.text, #text, p{  
    color:#7A8DB9  
}
```

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 #7A8DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8DB9
}
```

Border

The CSS property to change the border of an element to Hex 7A8DB9 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
#7A8DB9 }
```

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

```
.border{ border-color:#7A8DB9 }
```

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

Here you see how a box with a 4 pixel #7A8DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8DB9; -webkit-box-shadow:4px 4px  
4px 4px #7A8DB9; box-shadow:4px 4px 4px  
4px #7A8DB9 }
```

Background

The CSS property to change the background color of an element to Hex 7A8DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8DB9 }
```

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

```
.background{ background-color:#7A8DB9 }
```

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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