

Converting Colors

Hex(8199B6)

Have a look what the booklet for
Hex(8199B6) contains.

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Color

Hex(8199B6)

Conversions

Conversions Part 1

Format	Color
Hex	8199B6
RGB	129, 153, 182
RGB Percent	51%, 60%, 71%
CMY	0.4941, 0.4000, 0.2863
CMYK	0.29, 0.16, 0.00, 0.29
HSL	213°, 27%, 61%
HSV	213°, 29%, 71%
XYZ	28.8880, 30.8270, 48.6836
YIQ	149.1300, -23.6130, 3.9310

Conversions

Conversions Part 2

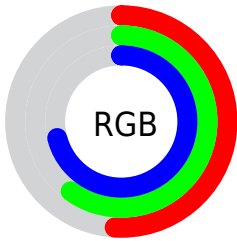
Format	Color
RYB	129, 146, 182
Decimal	8493494
CIELab	62.36, -1.59, -17.83
CIElCh	62, 17.899, 264.900
Yxy	30.8270, 0.2665, 0.2844
Android (android.graphics.Color)	4286683574 (0xFF8199B6)
YUV	149.1300, 16.2049, -17.6540
Hunter-Lab	55.5221, -4.2905, -13.1220

Details

The Hex color **8199B6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B69E81**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B7CFEE**, and **4E6681** is the 20% darker color. If you saturate the color by 10%, you get **6F8FB6**, and if you desaturate by 10%, it is **93A3B6**.

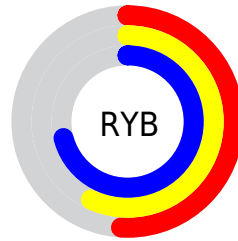
Distribution



Red (51%)

Green (60%)

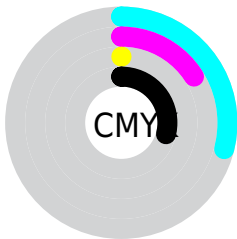
Blue (71%)



Red (51%)

Yellow (57%)

Blue (71%)

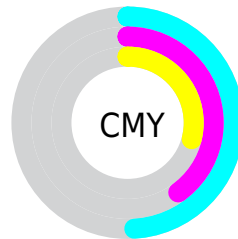


Cyan (29%)

Magenta (16%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8199B6 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 8199B6 by changing the saturation by 10% instead.



8199B6



8199B6

FFFFFF



677F9B



B7CFEE



4E6681



D3EBFF



364E68



FFFFFF



1D3750



022239



000C23



00000B



000000



8199B6



8199B6

6F8FB6

93A3B6

5D85B6

A5ADB6

4A7BB6

B8B7B6

3871B6

CAC1B6

2667B6

DCCBB6

145DB6

EED5B6

0253B6

FFDFB6

0052B6

FFE9B6

FFF3B6

Harmonies

Analogous

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



709DB0



8199B6



9694B3

Triad

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



8199B6



B88C8A



839E84

Complementary

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



8199B6



B69E81

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.



959A7A



8199B6



B2907D

Square

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



8199B6



B58C9A



A69577



73A093

Rectangle

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



8199B6



A390AD



A69577



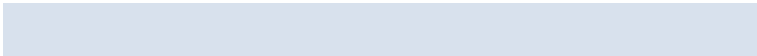
899D80

Sweetspot

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



8199B6



D8E1ED



81B69D



6B7178



F7F7F7



787878

Same Dimension

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



8199B6



9AC0ED



8381B6



53575C



00469C



000D1C

Inverse Universe

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



B68199



ED9AC0



B4B681



5C5357



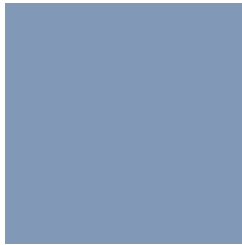
9C0046



1C000D

Previews

White Background



This preview shows how the Hex color 8199B6 looks on a white background.

Color Contrast Check

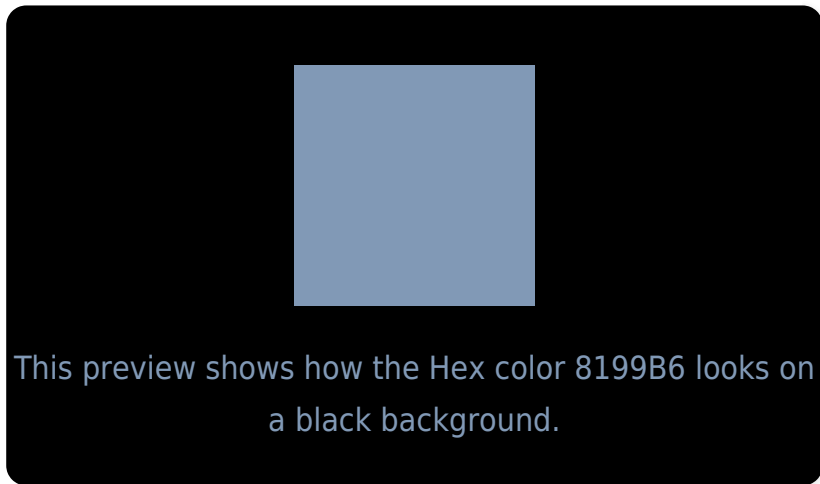
Large Text (above 18pt) WCAG AA × Fail

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

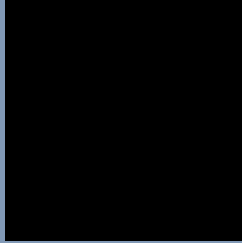
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

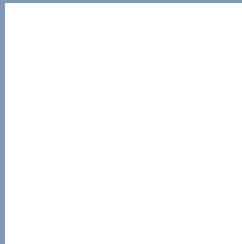
Any Text WCAG AAA ✓ Pass

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

Hex 8199B6 Background



This preview shows how black text looks on a background with the Hex color 8199B6.




This preview shows how white text looks on a background with the Hex color 8199B6.

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
7E9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8199B6 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 #8199B6 looks like.

```
.text, #text, p{  
    color:#8199B6  
}
```

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 #8199B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8199B6
}
```

Border

The CSS property to change the border of an element to Hex 8199B6 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
#8199B6 }
```

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

```
.border{ border-color:#8199B6 }
```

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

Here you see how a box with a 4 pixel #8199B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8199B6; -webkit-box-shadow:4px 4px  
4px 4px #8199B6; box-shadow:4px 4px 4px  
4px #8199B6 }
```

Background

The CSS property to change the background color of an element to Hex 8199B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8199B6 }
```

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

```
.background{ background-color:#8199B6 }
```

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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