

Converting Colors

Hex(809DB1)

Have a look what the booklet for
Hex(809DB1) contains.

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Color

Hex(809DB1)

Conversions

Conversions Part 1

Format	Color
Hex	809DB1
RGB	128, 157, 177
RGB Percent	50%, 62%, 69%
CMY	0.4980, 0.3843, 0.3059
CMYK	0.28, 0.11, 0.00, 0.31
HSL	204°, 24%, 60%
HSV	204°, 28%, 69%
XYZ	28.8949, 31.8775, 46.2250
YIQ	150.6090, -23.7040, 0.0720

Conversions

Conversions Part 2

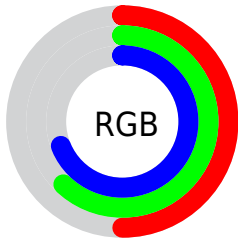
Format	Color
RYB	128, 146, 177
Decimal	8428977
CIELab	63.24, -5.36, -13.69
CIElCh	63, 14.703, 248.627
Yxy	31.8775, 0.2701, 0.2979
Android (android.graphics.Color)	4286619057 (0xFF809DB1)
YUV	150.6090, 13.0108, -19.8281
Hunter-Lab	56.4601, -7.4534, -9.0198

Details

The Hex color **809DB1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B19480**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B6D4E9**, and **4D6A7C** is the 20% darker color. If you saturate the color by 10%, you get **6E96B1**, and if you desaturate by 10%, it is **92A4B1**.

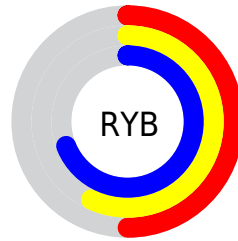
Distribution



Red (50%)

Green (62%)

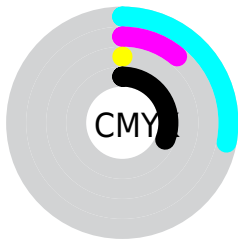
Blue (69%)



Red (50%)

Yellow (57%)

Blue (69%)

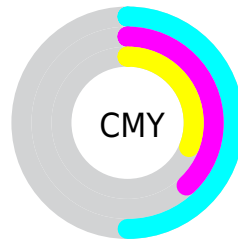


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (50%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809DB1 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 809DB1 by changing the saturation by 10% instead.

 809DB1

 809DB1

FFFFFF

 668396

 B6D4E9

 4D6A7C

 D2F0FF

 355263

 EEEFFF

 1D3B4C

 032535

 001020

 000005

 000000

 809DB1

 809DB1

■ 6E96B1

■ 92A4B1

■ 5D8FB1

■ A3ABB1

■ 4B87B1

■ B5B3B1

■ 3980B1

■ C7BAB1

■ 2879B1

■ D9C1B1

■ 1672B1

■ EAC8B1

■ 046AB1

■ FCD0B1

■ 0069B1

■ FFD7B1

■ FFDEB1

Harmonies

Analogous

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



77A0A9



809DB1



8F99B3

Triad

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



809DB1



B49096



919D84

Complementary

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



809DB1



B19480

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.



A0997F



809DB1



B49289

Square

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



809DB1



AD91A3



AC9581



82A08F

Rectangle

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



809DB1



9B96B0



AC9581



969C82

Sweetspot

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



809DB1



D3DEE6



80B194



676E73



F2F2F2



737373

Same Dimension

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



809DB1



9AC7E6



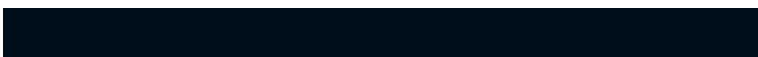
8085B1



505659



005B99



000F1A

Inverse Universe

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



B1809D



E69AC7



B1AC80



595056



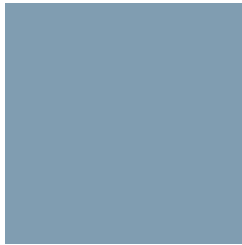
99005B



1A000F

Previews

White Background



This preview shows how the Hex color 809DB1 looks on a white background.

Color Contrast Check

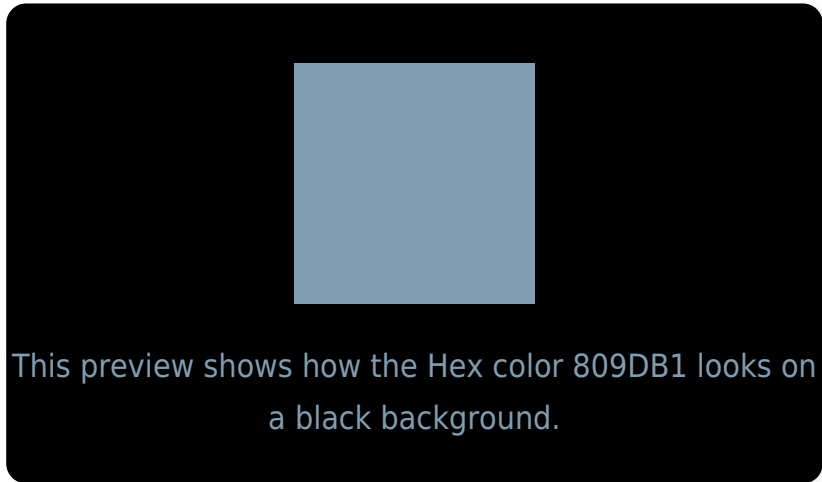
Large Text (above 18pt) WCAG AA × Fail

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

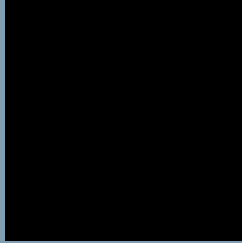
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

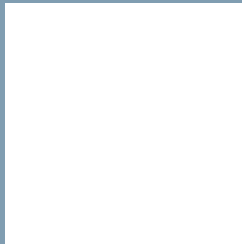
Any Text WCAG AAA ✓ Pass

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

Hex 809DB1 Background



This preview shows how black text looks on a background with the Hex color 809DB1.

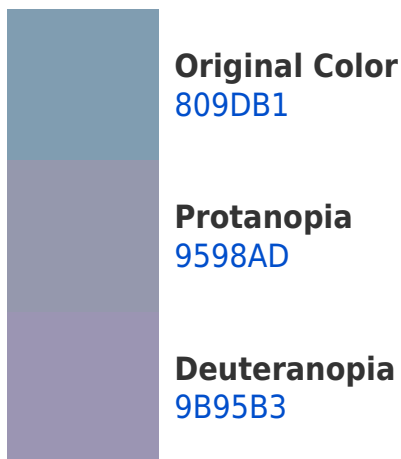


This preview shows how white text looks on a background with the Hex color 809DB1.

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](#).

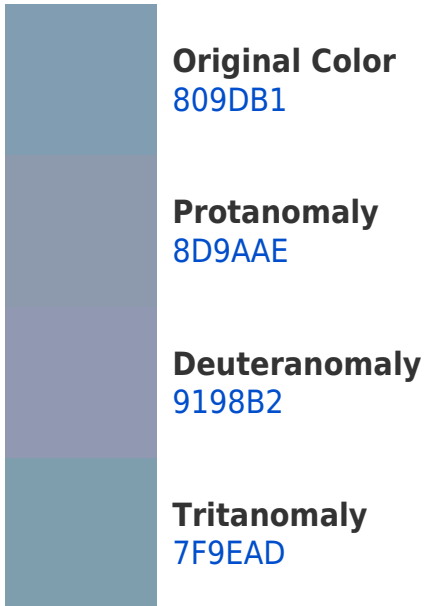
Dichromacy



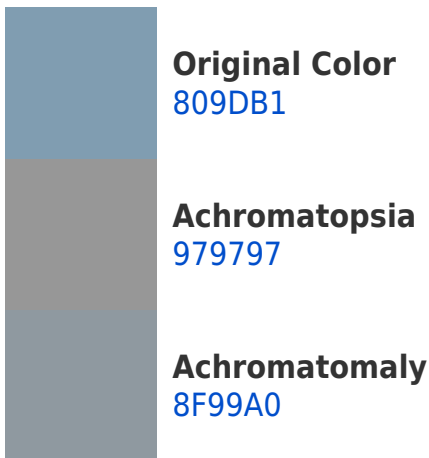


Tritanopia
7F9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809DB1 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 #809DB1 looks like.

```
.text, #text, p{  
    color:#809DB1  
}
```

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 #809DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809DB1  
}
```

Border

The CSS property to change the border of an element to Hex 809DB1 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  
#809DB1 }
```

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

```
.border{ border-color:#809DB1 }
```

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

Here you see how a box with a 4 pixel #809DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809DB1; -webkit-box-shadow:4px 4px  
4px 4px #809DB1; box-shadow:4px 4px 4px  
4px #809DB1 }
```

Background

The CSS property to change the background color of an element to Hex 809DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809DB1 }
```

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

```
.background{ background-color:#809DB1 }
```

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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