

# Converting Colors

Hex(809DB7)

Have a look what the booklet for  
Hex(809DB7) contains.

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# **Color**

**Hex(809DB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	809DB7
RGB	128, 157, 183
RGB Percent	50%, 62%, 72%
CMY	0.4980, 0.3843, 0.2824
CMYK	0.30, 0.14, 0.00, 0.28
HSL	208°, 28%, 61%
HSV	208°, 30%, 72%
XYZ	29.5063, 32.1220, 49.4448
YIQ	151.2930, -25.6300, 1.9380

# Conversions

## Conversions Part 2

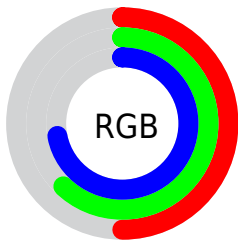
Format	Color
<a href="#">RYB</a>	<a href="#">128, 147, 183</a>
Decimal	<a href="#">8428983</a>
CIELab	<a href="#">63.44, -3.87, -16.76</a>
CIELCh	<a href="#">63, 17.197, 256.979</a>
Yxy	<a href="#">32.1220, 0.2656, 0.2892</a>
Android (android.graphics.Color)	<a href="#">4286619063 (0xFF809DB7)</a>
YUV	<a href="#">151.2930, 15.6316, -20.4280</a>
Hunter-Lab	<a href="#">56.6763, -6.2545, -12.0516</a>

# Details

The Hex color **809DB7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B79A80**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B6D3EF**, and **4D6A82** is the 20% darker color. If you saturate the color by 10%, you get **6E94B7**, and if you desaturate by 10%, it is **92A6B7**.

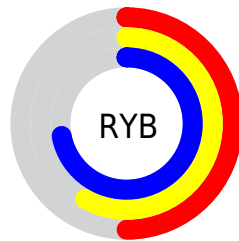
# Distribution



Red (50%)

Green (62%)

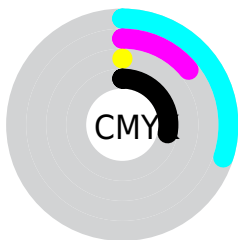
Blue (72%)



Red (50%)

Yellow (58%)

Blue (72%)

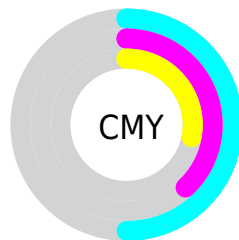


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (38%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809DB7 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 809DB7 by changing the saturation by 10% instead.



 809DB7

 809DB7

FFFFFF

 66839C

 B6D3EF

 4D6A82

 D2F0FF

 345269

 EFFFFFF

 1B3B51

 00253A

 001024

 00010D

 000000

 809DB7

 809DB7

■ 6E94B7

■ 92A6B7

■ 5B8CB7

■ A5AEB7

■ 4983B7

■ B7B7B7

■ 377AB7

■ C9C0B7

■ 2472B7

■ DBC8B7

■ 1269B7

■ EED1B7

■ 0060B7

■ FFDAB7

■ FFE2B7

■ FFEBB7

# Harmonies

## Analogous

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



73A1AF



809DB7



9498B7

# Triad

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



809DB7



BA8F91



8BA084

# Complementary

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



809DB7



B79A80

# 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.



9C9B7C



809DB7



B69284

# Square

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



809DB7



B490A1



AC967C



7BA292

# Rectangle

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



809DB7



A195B2



AC967C



919E81

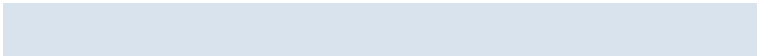


# Sweetspot

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



809DB7



D8E3ED



80B79A



6B7278



F7F7F7



787878



# Same Dimension

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



809DB7



98C5ED



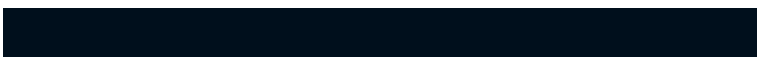
8082B7



53575C



00529C



000F1C



# Inverse Universe

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



B7809D



ED98C5



B7B580



5C5357



9C0052

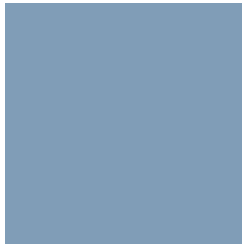


1C000F



# Previews

## White Background



This preview shows how the Hex color 809DB7 looks on a white background.

## Color Contrast Check

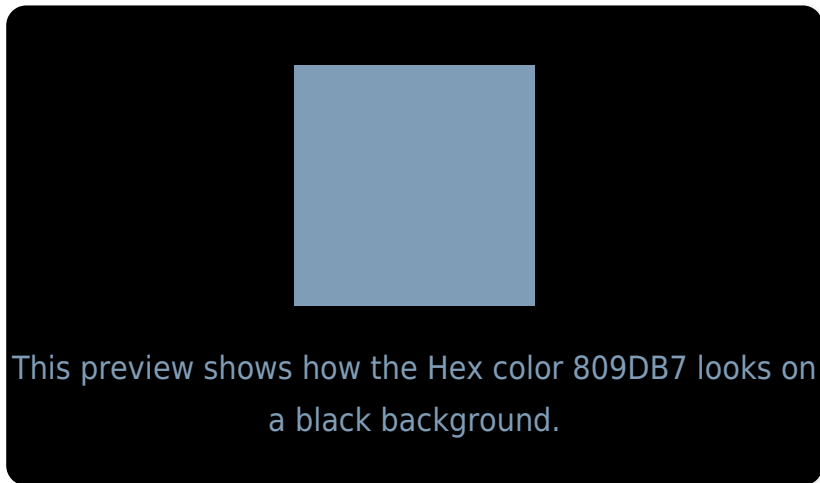
Large Text (above 18pt) WCAG AA × Fail

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

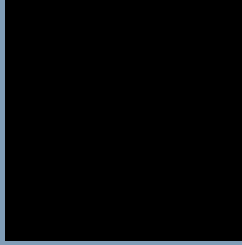
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

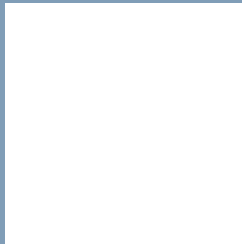
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 809DB7 Background



This preview shows how black text looks on a background with the Hex color 809DB7.

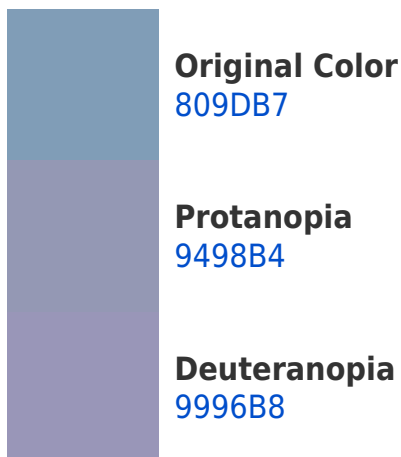


This preview shows how white text looks on a background with the Hex color 809DB7.

# 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](#).

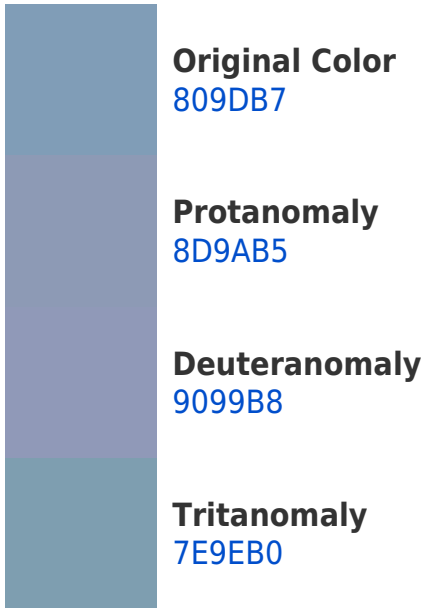
## Dichromacy



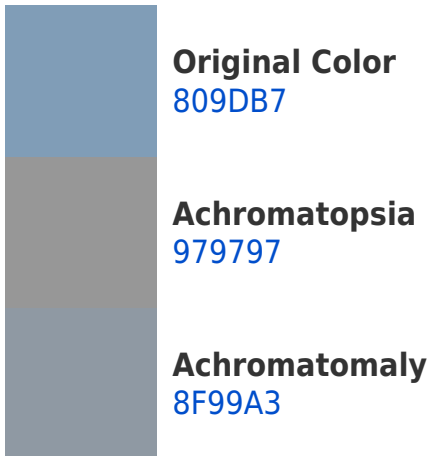


**Tritanopia**  
7D9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809DB7 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 #809DB7 looks like.

```
.text, #text, p{  
    color:#809DB7  
}
```

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 #809DB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809DB7  
}
```

## Border

The CSS property to change the border of an element to Hex 809DB7 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  
#809DB7 }
```

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

```
.border{ border-color:#809DB7 }
```

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

Here you see how a box with a 4 pixel #809DB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809DB7; -webkit-box-shadow:4px 4px  
4px 4px #809DB7; box-shadow:4px 4px 4px  
4px #809DB7 }
```

# Background

The CSS property to change the background color of an element to Hex 809DB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809DB7 }
```

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

```
.background{ background-color:#809DB7 }
```

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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