

Converting Colors

Hex(809BB8)

Have a look what the booklet for
Hex(809BB8) contains.

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Color

Hex(809BB8)

Conversions

Conversions Part 1

Format	Color
Hex	809BB8
RGB	128, 155, 184
RGB Percent	50%, 61%, 72%
CMY	0.4980, 0.3922, 0.2784
CMYK	0.30, 0.16, 0.00, 0.28
HSL	211°, 28%, 61%
HSV	211°, 30%, 72%
XYZ	29.2752, 31.4926, 49.8831
YIQ	150.2330, -25.4010, 3.2950

Conversions

Conversions Part 2

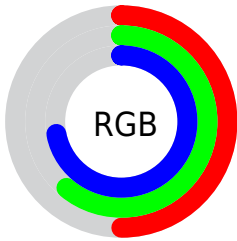
Format	Color
R _Y B	128, 146, 184
Decimal	8428472
CIE Lab	62.92, -2.51, -18.11
CIE LCh	63, 18.282, 262.110
Yxy	31.4926, 0.2646, 0.2846
Android (android.graphics.Color)	4286618552 (0xFF809BB8)
YUV	150.2330, 16.6471, -19.4983
Hunter-Lab	56.1182, -5.0890, -13.4197

Details

The Hex color **809BB8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B89D80**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B6D1F0**, and **4D6883** is the 20% darker color. If you saturate the color by 10%, you get **6E91B8**, and if you desaturate by 10%, it is **92A5B8**.

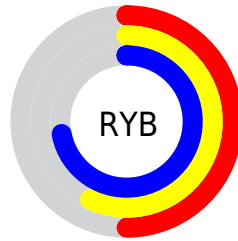
Distribution



Red (50%)

Green (61%)

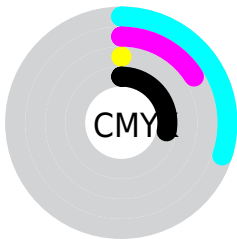
Blue (72%)



Red (50%)

Yellow (57%)

Blue (72%)

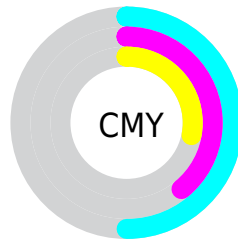


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809BB8 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 809BB8 by changing the saturation by 10% instead.



809BB8



809BB8

FFFFFF



66819D



B6D1F0



4D6883



D2EEFF



34506A



EFFFFFF



1B3951



00243A



000E25



00010E



000000



809BB8



809BB8

■ 6E91B8

■ 92A5B8

■ 5B88B8

■ A5AEB8

■ 497EB8

■ B7B8B8

■ 3675B8

■ CAC1B8

■ 246BB8

■ DCCBB8

■ 1262B8

■ EED4B8

■ 0059B8

■ FFDEB8

■ FFE7B8

■ FFF1B8

Harmonies

Analogous

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



709FB1



809BB8



9696B6

Triad

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



809BB8



BA8D8D



859F84

Complementary

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



809BB8



B89D80

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.



989B7A



809BB8



B5917F

Square

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



809BB8



B68D9D



A99678



75A193

Rectangle

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



809BB8



A392B0



A99678



8B9E80

Sweetspot

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



809BB8



DAE5F0



80B89D



6B7178



F7F7F7



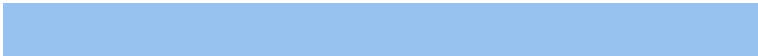
787878

Same Dimension

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



809BB8



97C2F0



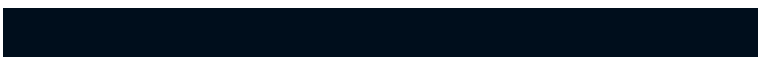
8180B8



53575C



004B9C



000E1C

Inverse Universe

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



B8809B



F097C2



B7B880



5C5357



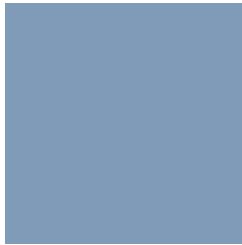
9C004B



1C000E

Previews

White Background



This preview shows how the Hex color 809BB8 looks on a white background.

Color Contrast Check

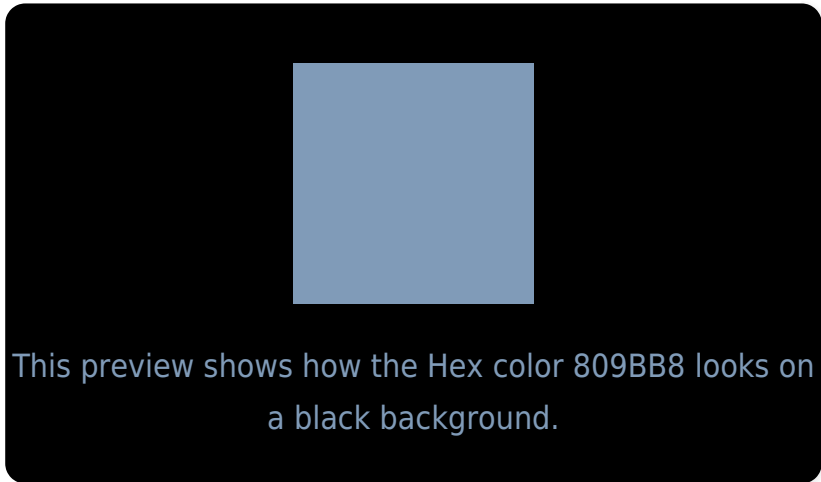
Large Text (above 18pt) WCAG AA × Fail

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

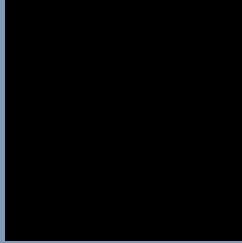
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

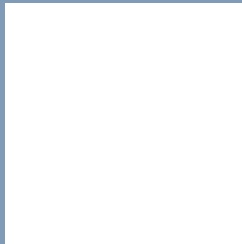
Any Text WCAG AAA ✓ Pass

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

Hex 809BB8 Background



This preview shows how black text looks on a background with the Hex color 809BB8.



This preview shows how white text looks on a background with the Hex color 809BB8.

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
7D9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809BB8 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 #809BB8 looks like.

```
.text, #text, p{  
    color:#809BB8  
}
```

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 #809BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809BB8  
}
```

Border

The CSS property to change the border of an element to Hex 809BB8 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  
#809BB8 }
```

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

```
.border{ border-color:#809BB8 }
```

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

Here you see how a box with a 4 pixel #809BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809BB8; -webkit-box-shadow:4px 4px  
4px 4px #809BB8; box-shadow:4px 4px 4px  
4px #809BB8 }
```

Background

The CSS property to change the background color of an element to Hex 809BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809BB8 }
```

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

```
.background{ background-color:#809BB8 }
```

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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