

Converting Colors

Hex(809BBC)

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

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Color

Hex(809BBC)

Conversions

Conversions Part 1

Format	Color
Hex	809BBC
RGB	128, 155, 188
RGB Percent	50%, 61%, 74%
CMY	0.4980, 0.3922, 0.2627
CMYK	0.32, 0.18, 0.00, 0.26
HSL	213°, 31%, 62%
HSV	213°, 32%, 74%
XYZ	29.7005, 31.6627, 52.1231
YIQ	150.6890, -26.6850, 4.5390

Conversions

Conversions Part 2

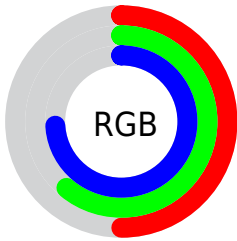
Format	Color
RYB	128, 147, 188
Decimal	8428476
CIELab	63.06, -1.49, -20.14
CIELCh	63, 20.194, 265.759
Yxy	31.6627, 0.2617, 0.2790
Android (android.graphics.Color)	4286618556 (0xFF809BBC)
YUV	150.6890, 18.3943, -19.8983
Hunter-Lab	56.2696, -4.2551, -15.5321

Details

The Hex color **809BBC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BCA180**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B6D1F4**, and **4D6887** is the 20% darker color. If you saturate the color by 10%, you get **6D91BC**, and if you desaturate by 10%, it is **93A5BC**.

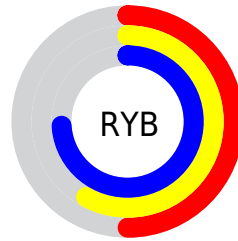
Distribution



Red (50%)

Green (61%)

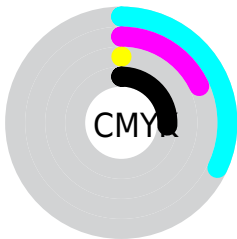
Blue (74%)



Red (50%)

Yellow (58%)

Blue (74%)

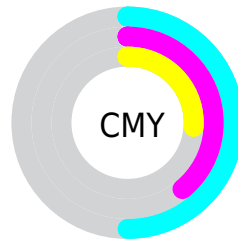


Cyan (32%)

Magenta (18%)

Yellow (0%)

Black (26%)



Cyan (50%)

Magenta (39%)

Yellow (26%)

Brightness & Saturation Gradients

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

 809BBC

FFFFFF

 B6D1F4

 D2EEFF

 EFFFFF

 809BBC

 6681A1

 4D6887

 34506D

 1A3955

 00243E

 000E28

 000112

 000000

 809BBC

 809BBC

■ 6D91BC

■ 93A5BC

■ 5A86BC

■ A6B0BC

■ 487CBC

■ B8BABC

■ 3572BC

■ CBC4BC

■ 2267BC

■ DECFBC

■ 0F5DBC

■ F1D9BC

■ 0055BC

■ FFE3BC

■ FFEBC

■ FFF8BC

Harmonies

Analogous

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



6CA0B6



809BBC



9895B9

Triad

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



809BBC



BE8D8A



81A184

Complementary

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



809BBC



BCA180

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.



969C78



809BBC



B7917C

Square

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



809BBC



BB8C9C



A99775



6FA395

Rectangle

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



809BBC



A791B2



A99775



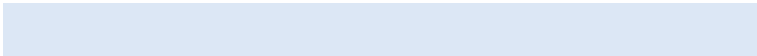
889F7F

Sweetspot

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



809BBC



DCE7F5



80BCA1



6C727A



FAFAFA



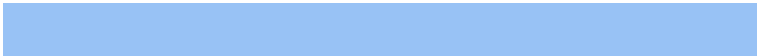
7A7A7A

Same Dimension

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



809BBC



98C2F5



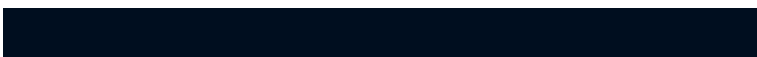
8380BC



55595E



00479E



000E1F

Inverse Universe

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



BC809B



F598C2



B9BC80



5E5559



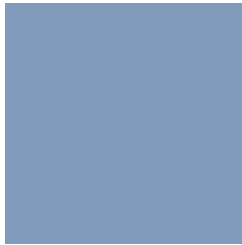
9E0047



1F000E

Previews

White Background



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

Color Contrast Check

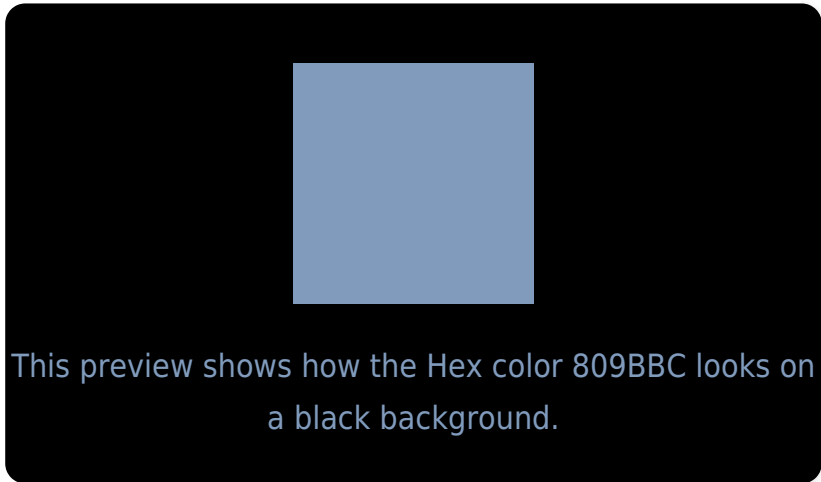
Large Text (above 18pt) WCAG AA × Fail

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

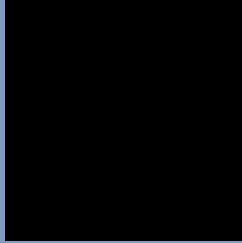
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

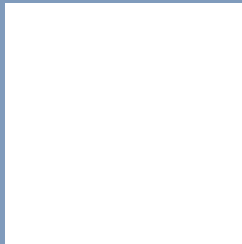
Any Text WCAG AAA ✓ Pass

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

Hex 809BBC Background



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



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

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](#).

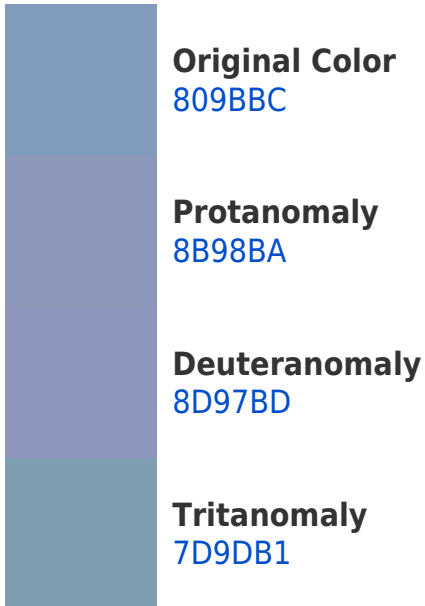
Dichromacy



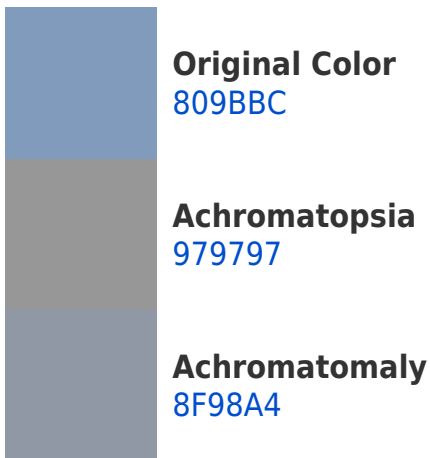


Tritanopia
7C9EAB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #809BBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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