

Converting Colors

Hex(839BBB)

Have a look what the booklet for
Hex(839BBB) contains.

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Color

Hex(839BBB)

Conversions

Conversions Part 1

Format	Color
Hex	839BBB
RGB	131, 155, 187
RGB Percent	51%, 61%, 73%
CMY	0.4863, 0.3922, 0.2667
CMYK	0.30, 0.17, 0.00, 0.27
HSL	214°, 29%, 62%
HSV	214°, 30%, 73%
XYZ	30.0511, 31.8558, 51.5786
YIQ	151.4720, -24.5760, 4.8640

Conversions

Conversions Part 2

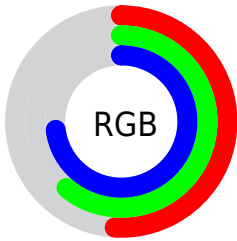
Format	Color
RYB	131, 148, 187
Decimal	8625083
CIELab	63.22, -0.86, -19.32
CIElCh	63, 19.334, 267.464
Yxy	31.8558, 0.2648, 0.2807
Android (android.graphics.Color)	4286815163 (0xFF839BBB)
YUV	151.4720, 17.5153, -17.9539
Hunter-Lab	56.4410, -3.7324, -14.6735

Details

The Hex color **839BBB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BBA383**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B9D1F3**, and **506886** is the 20% darker color. If you saturate the color by 10%, you get **7090BB**, and if you desaturate by 10%, it is **96A6BB**.

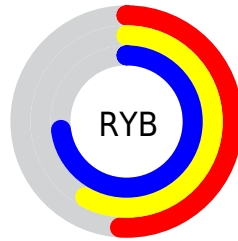
Distribution



Red (51%)

Green (61%)

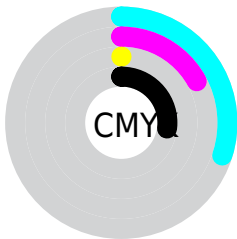
Blue (73%)



Red (51%)

Yellow (58%)

Blue (73%)

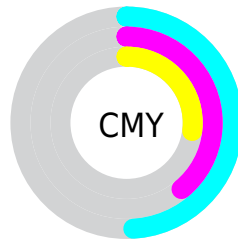


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 839BBB 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 839BBB by changing the saturation by 10% instead.

■ 839BBB

■ 839BBB

FFFFFF

■ 6981A0

■ B9D1F3

■ 506886

■ D5EEFF

■ 37506C

■ F2FFFF

■ 1E3954

■ 02243D

■ 000E27

■ 000111

■ 000000

■ 839BBB

■ 839BBB

7090BB

96A6BB

5E86BB

A8B0BB

4B7BBB

BBBBBB

3870BB

CEC6BB

2566BB

E0D0BB

135BBB

F3DBBB

0050BB

FFE6BB

FFF0BB

FFFB BB

Harmonies

Analogous

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



70A0B5



839BBB



9A95B7

Triad

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



839BBB



BC8E8A



81A186

Complementary

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



839BBB



BBA383

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.



959D7A



839BBB



B6927D

Square

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



839BBB



BA8D9B



A89777



71A397

Rectangle

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



839BBB



A891B0



A89777



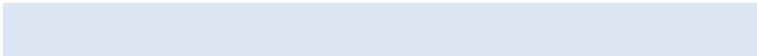
88A081

Sweetspot

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



839BBB



DCE6F2



83BBA3



6D737A



FAFAFA



7A7A7A

Same Dimension

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



839BBB



9BC0F2



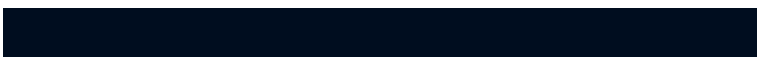
8783BB



55595E



00449E



000D1F

Inverse Universe

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



BB839B



F29BC0



B7BB83



5E5559



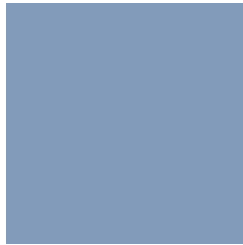
9E0044



1F000D

Previews

White Background



This preview shows how the Hex color 839BBB looks on a white background.

Color Contrast Check

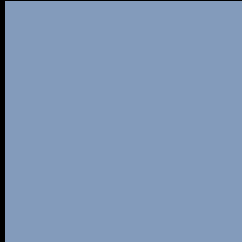
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 839BBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

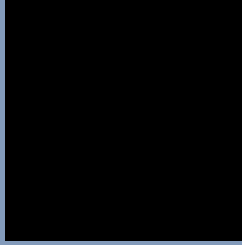
Any Text WCAG AA ✓ Pass

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 839BBB Background



This preview shows how black text looks on a background with the Hex color 839BBB.

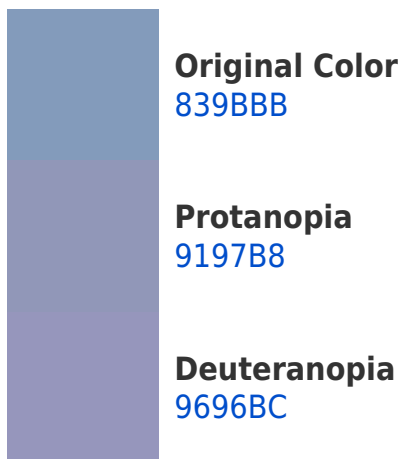


This preview shows how white text looks on a background with the Hex color 839BBB.

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](#).

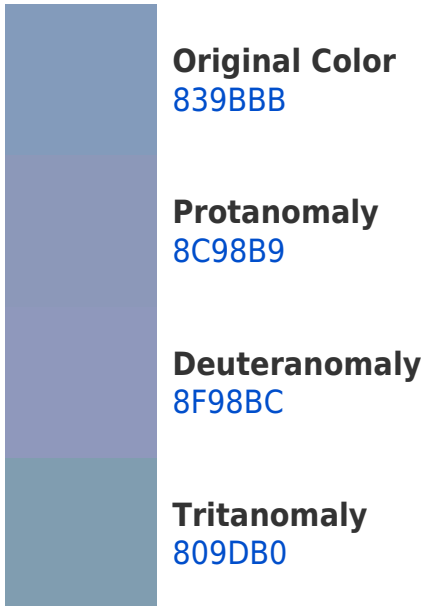
Dichromacy





Tritanopia
7F9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 839BBB 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 #839BBB looks like.

```
.text, #text, p{  
    color:#839BBB  
}
```

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 #839BBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839BBB
}
```

Border

The CSS property to change the border of an element to Hex 839BBB 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
#839BBB }
```

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

```
.border{ border-color:#839BBB }
```

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

Here you see how a box with a 4 pixel #839BBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839BBB; -webkit-box-shadow:4px 4px  
4px 4px #839BBB; box-shadow:4px 4px 4px  
4px #839BBB }
```

Background

The CSS property to change the background color of an element to Hex 839BBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839BBB }
```

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

```
.background{ background-color:#839BBB }
```

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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