

Converting Colors

Hex(838BB1)

Have a look what the booklet for
Hex(838BB1) contains.

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Color

Hex(838BB1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 838BB1 |
| RGB | 131, 139, 177 |
| RGB Percent | 51%, 55%, 69% |
| CMY | 0.4863, 0.4549, 0.3059 |
| CMYK | 0.26, 0.21, 0.00, 0.31 |
| HSL | 230°, 23%, 60% |
| HSV | 230°, 26%, 69% |
| XYZ | 26.5285, 26.4649, 45.3050 |
| YIQ | 140.9400, -16.9660, 10.1220 |

Conversions

Conversions Part 2

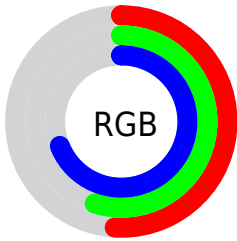
| Format | Color |
|-------------------------------------|--|
| RYB | 131, 138, 177 |
| Decimal | 8620977 |
| CIELab | 58.48, 5.74, -20.90 |
| CIElCh | 58, 21.679, 285.363 |
| Yxy | 26.4649, 0.2699, 0.2692 |
| Android (android.graphics.Color) | 4286811057 (0xFF838BB1) |
| YUV | 140.9400, 17.7776, -8.7174 |
| Hunter-Lab | 51.4440, 2.0214, -16.2039 |

Details

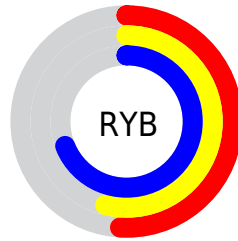
The Hex color **838BB1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B1A983**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B9C0E9**, and **50597C** is the 20% darker color. If you saturate the color by 10%, you get **717CB1**, and if you desaturate by 10%, it is **959AB1**.

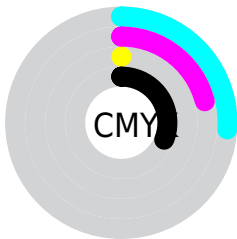
Distribution



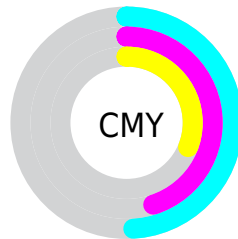
- Red (51%)
- Green (55%)
- Blue (69%)



- Red (51%)
- Yellow (54%)
- Blue (69%)



- Cyan (26%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838BB1 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 838BB1 by changing the saturation by 10% instead.



838BB1



838BB1

FFFFFF



697296



B9C0E9



50597C



D5DCFF



384263



F1F9FF



212C4B



081834



00021F



000003



000000



838BB1



838BB1

717CB1

959AB1

606EB1

A6A8B1

4E5FB1

B8B7B1

3C51B1

CAC5B1

2A42B1

DBD4B1

1933B1

EDE3B1

0725B1

FFF1B1

001FB1

FFFFB1

Harmonies

Analogous

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



6991B1



838BB1



9C84A7

Triad

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



838BB1



B08272



669782

Complementary

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



838BB1



B1A983

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.



7B9471



838BB1



A38868

Square

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



838BB1



B37F83



918E68



579796

Rectangle

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



838BB1



A8819D



918E68



6D967C

Sweetspot

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



838BB1



D3D6E6



83B1A9



676973



F2F2F2



737373

Same Dimension

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



838BB1



9EABE6



9283B1



505259



001B99



00041A

Inverse Universe

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



B1838B



E69EAB



A2B183



595052



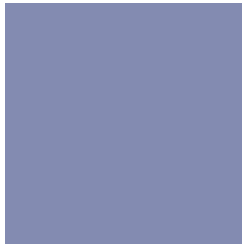
99001B



1A0004

Previews

White Background



This preview shows how the Hex color 838BB1 looks on a white background.

Color Contrast Check

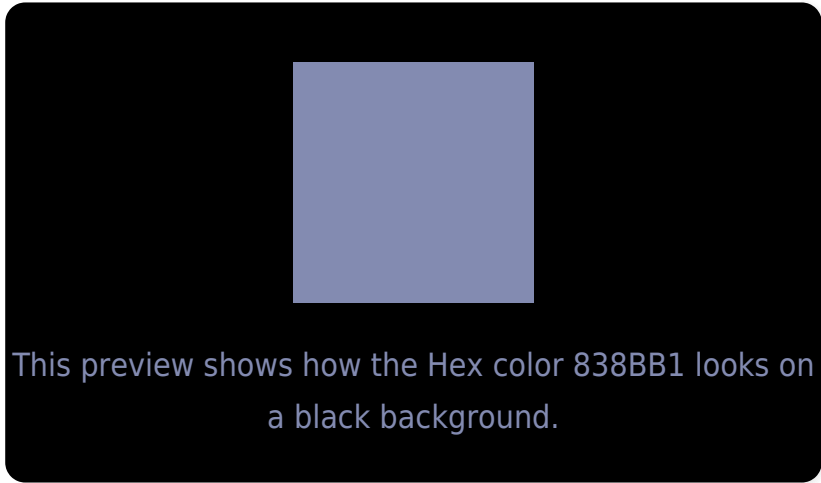
Large Text (above 18pt) WCAG AA ✓ Pass

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

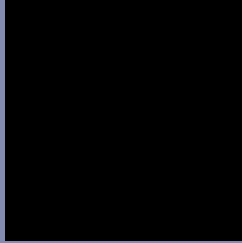
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

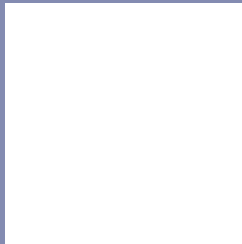
Any Text WCAG AAA × Fail

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

Hex 838BB1 Background



This preview shows how black text looks on a background with the Hex color 838BB1.



This preview shows how white text looks on a background with the Hex color 838BB1.

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



Original Color
838BB1

Protanopia
838BB1

Deuteranopia
878AB1



Tritanopia
7E8F9A

Trichromacy



Original Color
838BB1

Protanomaly
838BB1

Deuteranomaly
868AB1

Tritanomaly
808EA2

Monochromacy



Original Color
838BB1

Achromatopsia
8D8D8D

Achromatomaly
898C9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 838BB1 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 #838BB1 looks like.

```
.text, #text, p{  
    color:#838BB1  
}
```

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 #838BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838BB1
}
```

Border

The CSS property to change the border of an element to Hex 838BB1 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
#838BB1 }
```

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

```
.border{ border-color:#838BB1 }
```

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

Here you see how a box with a 4 pixel #838BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838BB1; -webkit-box-shadow:4px 4px  
4px 4px #838BB1; box-shadow:4px 4px 4px  
4px #838BB1 }
```

Background

The CSS property to change the background color of an element to Hex 838BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838BB1 }
```

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

```
.background{ background-color:#838BB1 }
```

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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