

Converting Colors

Hex(8083B9)

Have a look what the booklet for
Hex(8083B9) contains.

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Color

Hex(8083B9)

Conversions

Conversions Part 1

Format	Color
Hex	8083B9
RGB	128, 131, 185
RGB Percent	50%, 51%, 73%
CMY	0.4980, 0.4863, 0.2745
CMYK	0.31, 0.29, 0.00, 0.27
HSL	237°, 29%, 61%
HSV	237°, 31%, 73%
XYZ	25.7753, 24.3246, 49.2355
YIQ	136.2590, -19.1220, 16.1580

Conversions

Conversions Part 2

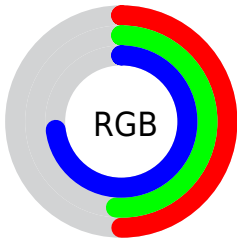
Format	Color
RYB	128, 131, 185
Decimal	8422329
CIELab	56.41, 11.52, -28.66
CIELCh	56, 30.891, 291.895
Yxy	24.3246, 0.2595, 0.2449
Android (android.graphics.Color)	4286612409 (0xFF8083B9)
YUV	136.2590, 24.0293, -7.2431
Hunter-Lab	49.3200, 6.9769, -24.6646

Details

The Hex color **8083B9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9B680**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B6B8F1**, and **4D5284** is the 20% darker color. If you saturate the color by 10%, you get **6E71B9**, and if you desaturate by 10%, it is **9395B9**.

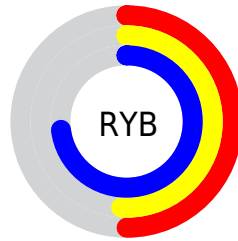
Distribution



Red (50%)

Green (51%)

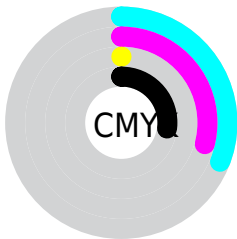
Blue (73%)



Red (50%)

Yellow (51%)

Blue (73%)

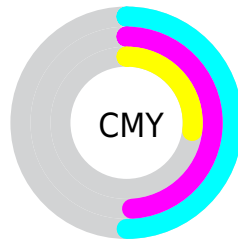


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (50%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8083B9 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 8083B9 by changing the saturation by 10% instead.

■ 8083B9

■ 8083B9

FFFFFF

■ 666A9E

■ B6B8F1

■ 4D5284

■ D2D4FF

■ 343B6A

■ EFF0FF

■ 1B2552

■ 00113A

■ 000224

■ 00010D

■ 000000

■ 8083B9

■ 8083B9

6E71B9

9395B9

5B60B9

A5A6B9

494EB9

B8B8B9

363DB9

CAC9B9

242BB9

DDDBB9

111AB9

EFECB9

000AB9

FFFEB9

FFFFB9

Harmonies

Analogous

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



548CBC



8083B9



A279A9

Triad

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



8083B9



B37A5E



44957F

Complementary

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



8083B9



B9B680

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.



669265



8083B9



A08352

Square

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



8083B9



BC7375



858C55



21969A

Rectangle

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



8083B9



B17599



858C55



509576

Sweetspot

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



8083B9



DADBF0



80B9B5



6B6B78



F7F7F7



787878

Same Dimension

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



8083B9



979CF0



9980B9



53535C



00089C



00011C

Inverse Universe

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



B98083



F0979C



A0B980



5C5353



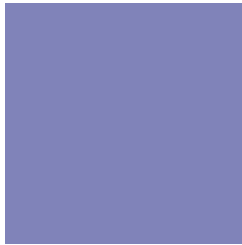
9C0008



1C0001

Previews

White Background



This preview shows how the Hex color 8083B9 looks on a white background.

Color Contrast Check

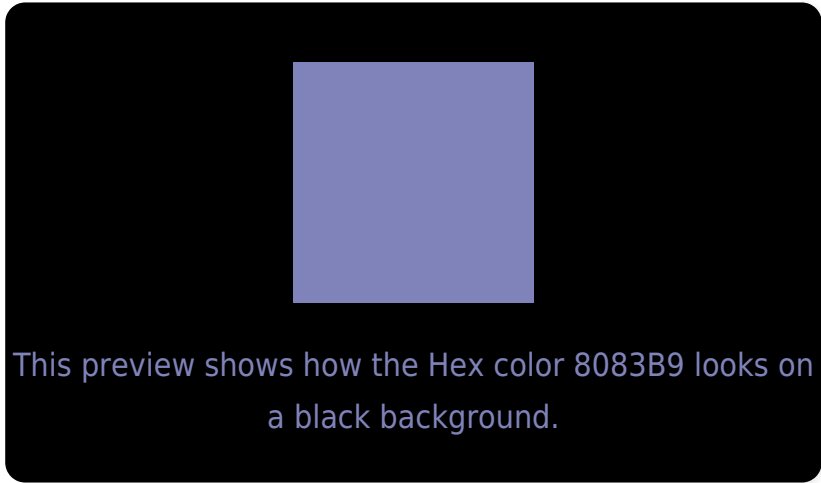
Large Text (above 18pt) WCAG AA ✓ Pass

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

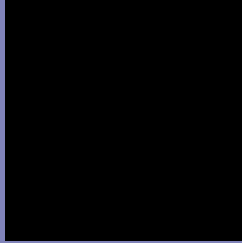
Any Text WCAG AA ✓ Pass

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 8083B9 Background



This preview shows how black text looks on a background with the Hex color 8083B9.



This preview shows how white text looks on a background with the Hex color 8083B9.

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](#).

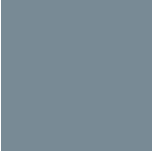
Dichromacy



Original Color
8083B9

Protanopia
7785BB

Deuteranopia
7885B9



Tritanopia
788A95

Trichromacy



Original Color
8083B9

Protanomaly
7A84BA

Deuteranomaly
7B84B9

Tritanomaly
7B87A2

Monochromacy



Original Color
8083B9

Achromatopsia
888888

Achromatomaly
85869A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8083B9 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 #8083B9 looks like.

```
.text, #text, p{  
    color:#8083B9  
}
```

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 #8083B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8083B9
}
```

Border

The CSS property to change the border of an element to Hex 8083B9 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
#8083B9 }
```

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

```
.border{ border-color:#8083B9 }
```

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

Here you see how a box with a 4 pixel #8083B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8083B9; -webkit-box-shadow:4px 4px  
4px 4px #8083B9; box-shadow:4px 4px 4px  
4px #8083B9 }
```

Background

The CSS property to change the background color of an element to Hex 8083B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8083B9 }
```

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

```
.background{ background-color:#8083B9 }
```

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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