

Converting Colors

Hex(8198B9)

Have a look what the booklet for
Hex(8198B9) contains.

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Color

Hex(8198B9)

Conversions

Conversions Part 1

Format	Color
Hex	8198B9
RGB	129, 152, 185
RGB Percent	51%, 60%, 73%
CMY	0.4941, 0.4039, 0.2745
CMYK	0.30, 0.18, 0.00, 0.27
HSL	215°, 29%, 62%
HSV	215°, 30%, 73%
XYZ	29.0385, 30.6264, 50.2799
YIQ	148.8850, -24.3010, 5.3870

Conversions

Conversions Part 2

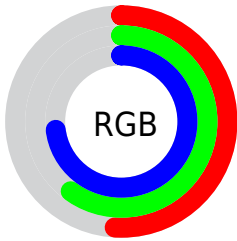
Format	Color
R _Y B	129, 145, 185
Decimal	8493241
CIE Lab	62.19, -0.27, -19.78
CIE LCh	62, 19.778, 269.205
Yxy	30.6264, 0.2641, 0.2786
Android (android.graphics.Color)	4286683321 (0xFF8198B9)
YUV	148.8850, 17.8047, -17.4391
Hunter-Lab	55.3411, -3.1848, -15.1289

Details

The Hex color **8198B9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B9A281**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B7CEF1**, and **4E6584** is the 20% darker color. If you saturate the color by 10%, you get **6E8DB9**, and if you desaturate by 10%, it is **93A3B9**.

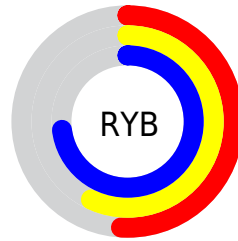
Distribution



Red (51%)

Green (60%)

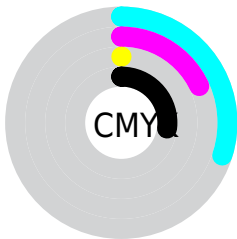
Blue (73%)



Red (51%)

Yellow (57%)

Blue (73%)

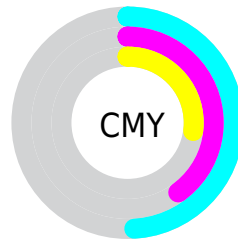


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8198B9 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 8198B9 by changing the saturation by 10% instead.



8198B9



8198B9

FFFFFF



677E9E



B7CEF1



4E6584



D3EAFF



354D6B



F0FFFF



1C3752



00223B



000A25



00010F



000000



8198B9



8198B9

■ 6E8DB9

■ 93A3B9

■ 5C82B9

■ A6AEB9

■ 4977B9

■ B8B9B9

■ 376CB9

■ CBC4B9

■ 2561B9

■ DDCFB9

■ 1257B9

■ F0D9B9

■ 004CB9

■ FFE4B9

■ FFEFB9

■ FFFAB9

Harmonies

Analogous

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



6D9DB4



8198B9



9992B5

Triad

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



8198B9



BA8B86



7D9E84

Complementary

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



8198B9



B9A281

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.



919A77



8198B9



B38F79

Square

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



8198B9



B88A97



A49573



6CA095

Rectangle

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



8198B9



A78EAD



A49573



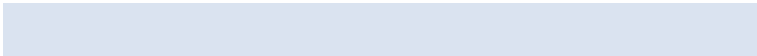
849D7F

Sweetspot

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



8198B9



DAE3F0



81B9A2



6B7078



F7F7F7



787878

Same Dimension

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



8198B9



99BDF0



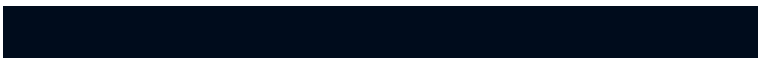
8681B9



53565C



00409C



000C1C

Inverse Universe

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



B98198



F099BD



B4B981



5C5356



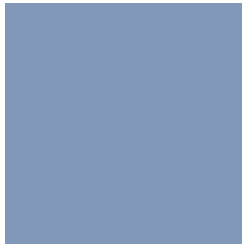
9C0040



1C000C

Previews

White Background



This preview shows how the Hex color 8198B9 looks on a white background.

Color Contrast Check

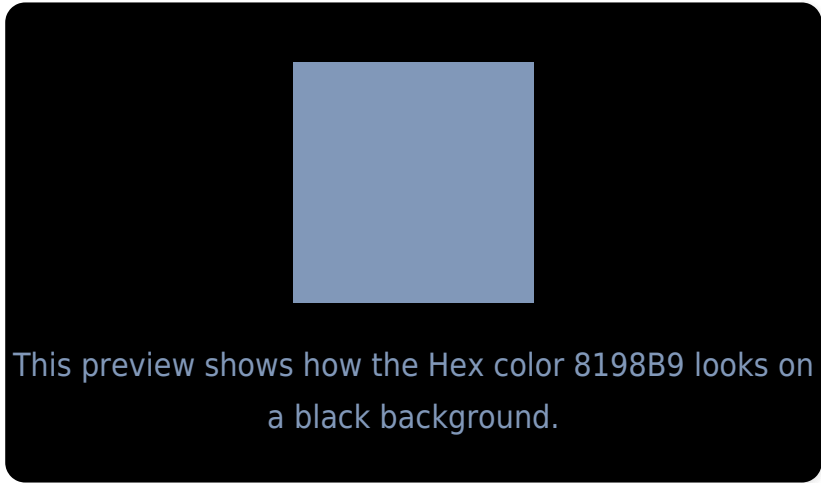
Large Text (above 18pt) WCAG AA × Fail

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

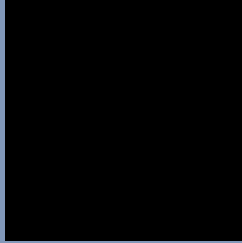
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

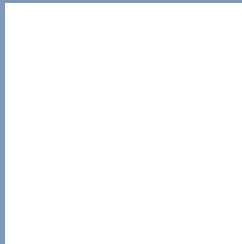
Any Text WCAG AAA ✓ Pass

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

Hex 8198B9 Background



This preview shows how black text looks on a background with the Hex color 8198B9.



This preview shows how white text looks on a background with the Hex color 8198B9.

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
8198B9

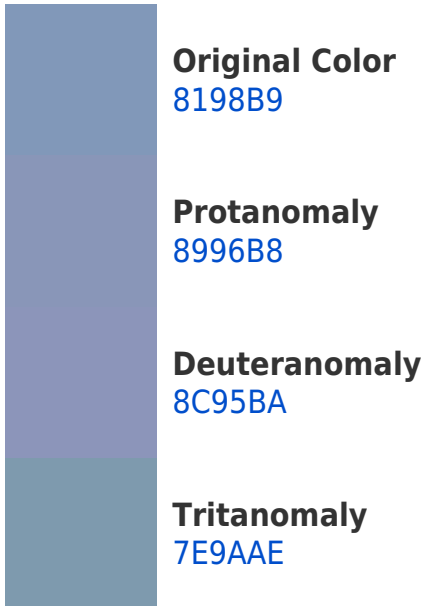
Protanopia
8E95B7

Deuteranopia
9293BA



Tritanopia
7D9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8198B9 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 #8198B9 looks like.

```
.text, #text, p{  
    color:#8198B9  
}
```

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 #8198B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8198B9
}
```

Border

The CSS property to change the border of an element to Hex 8198B9 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
#8198B9 }
```

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

```
.border{ border-color:#8198B9 }
```

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

Here you see how a box with a 4 pixel #8198B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8198B9; -webkit-box-shadow:4px 4px  
4px 4px #8198B9; box-shadow:4px 4px 4px  
4px #8198B9 }
```

Background

The CSS property to change the background color of an element to Hex 8198B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8198B9 }
```

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

```
.background{ background-color:#8198B9 }
```

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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