

Converting Colors

Hex(8C78B9)

Have a look what the booklet for
Hex(8C78B9) contains.

Hex(8C78B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8C78B9)

Conversions

Conversions Part 1

Format	Color
Hex	8C78B9
RGB	140, 120, 185
RGB Percent	55%, 47%, 73%
CMY	0.4510, 0.5294, 0.2745
CMYK	0.24, 0.35, 0.00, 0.27
HSL	258°, 32%, 60%
HSV	258°, 35%, 73%
XYZ	26.2886, 22.5112, 48.8585
YIQ	133.3900, -8.9450, 24.4550

Conversions

Conversions Part 2

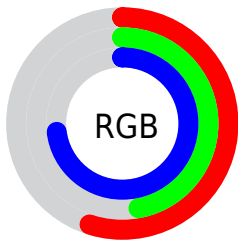
Format	Color
R_{YB}	140, 120, 185
Decimal	9205945
CIE _{Lab}	54.57, 21.61, -31.45
CIE _{LCh}	55, 38.162, 304.493
Yxy	22.5112, 0.2692, 0.2305
Android (android.graphics.Color)	4287396025 (0xFF8C78B9)
YUV	133.3900, 25.4437, 5.7970
Hunter-Lab	47.4459, 15.8721, -27.8430

Details

The Hex color **8C78B9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5B978**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C3ACF1**, and **584784** is the 20% darker color. If you saturate the color by 10%, you get **7F66B9**, and if you desaturate by 10%, it is **998BB9**.

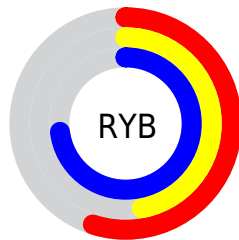
Distribution



Red (55%)

Green (47%)

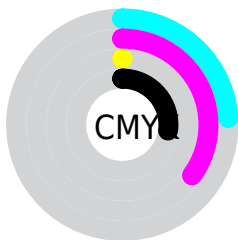
Blue (73%)



Red (55%)

Yellow (47%)

Blue (73%)

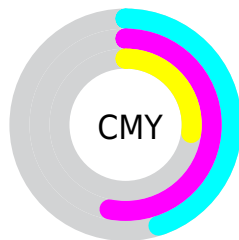


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C78B9 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 8C78B9 by changing the saturation by 10% instead.

■ 8C78B9

■ 8C78B9

FFFFFF

■ 725F9E

■ C3ACF1

■ 584784

■ DFC8FF

■ 3F316A

■ FCE4FF

■ 271B52

■ 0F043A

■ 000224

■ 00000C

■ 000000

■ 8C78B9

■ 8C78B9

7F66B9

998BB9

7253B9

A69DB9

6641B9

B2B0B9

592EB9

BFC2B9

4C1CB9

CCD5B9

3F09B9

D9E7B9

3900B9

E6FAB9

F2FFB9

FFFFB9

Harmonies

Analogous

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



5584C4



8C78B9



B06CA0

Triad

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



8C78B9



AE7747



009487

Complementary

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



8C78B9



A5B978

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.



449165



8C78B9



92823F

Square

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



8C78B9



BE6C5F



6F8C4A



0092A7

Rectangle

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



8C78B9



BD688A



6F8C4A



14937B

Sweetspot

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



8C78B9



DDD5F0



78A5B9



6D6878



F7F7F7



787878

Same Dimension

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



8C78B9



AA8BF0



AC78B9



55535C



30009C



09001C

Inverse Universe

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



B978A5



F08BD1



85B978



5C5359



9C006C



1C0013

Previews

White Background



This preview shows how the Hex color 8C78B9 looks on a white background.

Color Contrast Check

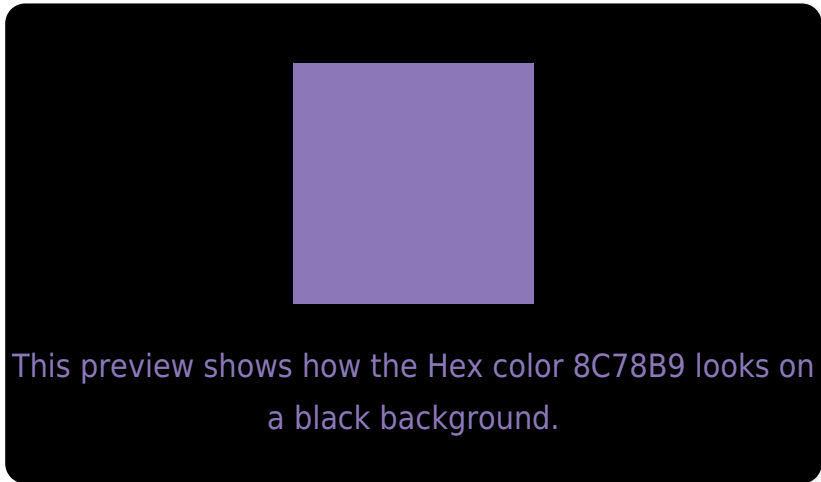
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C78B9 Background



This preview shows how black text looks on a background with the Hex color 8C78B9.



This preview shows how white text looks on a background with the Hex color 8C78B9.

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
8C78B9

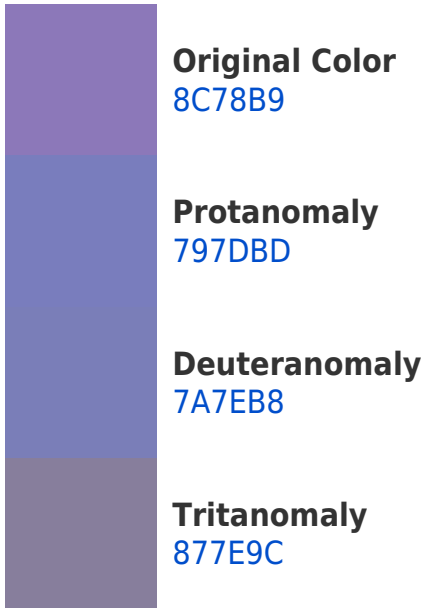
Protanopia
6E80C0

Deuteranopia
7081B7

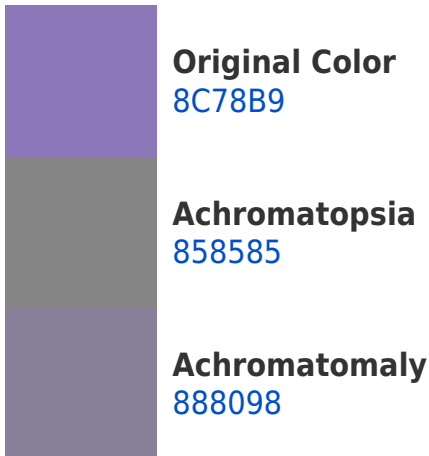


Tritanopia
84818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C78B9 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 #8C78B9 looks like.

```
.text, #text, p{  
    color:#8C78B9  
}
```

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 #8C78B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C78B9
}
```

Border

The CSS property to change the border of an element to Hex 8C78B9 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
#8C78B9 }
```

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

```
.border{ border-color:#8C78B9 }
```

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

Here you see how a box with a 4 pixel #8C78B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C78B9; -webkit-box-shadow:4px 4px  
4px 4px #8C78B9; box-shadow:4px 4px 4px  
4px #8C78B9 }
```

Background

The CSS property to change the background color of an element to Hex 8C78B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C78B9 }
```

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

```
.background{ background-color:#8C78B9 }
```

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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