

Converting Colors

Hex(98B2EC)

Have a look what the booklet for
Hex(98B2EC) contains.

Hex(98B2EC)	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(98B2EC)

Conversions

Conversions Part 1

Format	Color
Hex	98B2EC
RGB	152, 178, 236
RGB Percent	60%, 70%, 93%
CMY	0.4039, 0.3020, 0.0745
CMYK	0.36, 0.25, 0.00, 0.07
HSL	221°, 69%, 76%
HSV	221°, 36%, 93%
XYZ	44.0096, 44.5723, 85.6406
YIQ	176.8380, -34.1140, 12.5260

Conversions

Conversions Part 2

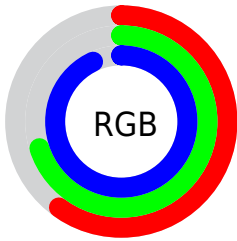
Format	Color
RYB	152, 172, 236
Decimal	10007276
CIELab	72.61, 4.88, -31.84
CIELCh	73, 32.213, 278.715
Yxy	44.5723, 0.2526, 0.2558
Android (android.graphics.Color)	4288197356 (0xFF98B2EC)
YUV	176.8380, 29.1669, -21.7829
Hunter-Lab	66.7625, 0.8322, -29.3214

Details

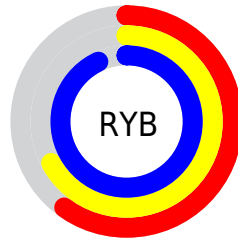
The Hex color **98B2EC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ECD298**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D0EAFF**, and **627EB4** is the 20% darker color. If you saturate the color by 10%, you get **80A2EC**, and if you desaturate by 10%, it is **B0C2EC**.

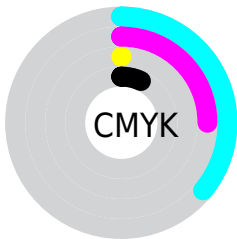
Distribution



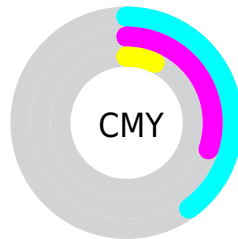
- Red (60%)
- Green (70%)
- Blue (93%)



- Red (60%)
- Yellow (67%)
- Blue (93%)



- Cyan (36%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98B2EC 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 98B2EC by changing the saturation by 10% instead.

 98B2EC

 98B2EC

FFFFFF

 7D97D0

 D0EAFF

 627EB4

 EDFFFF

 476599

 2C4D7F

 083666

 00224D

 000A36

 000220

 000005

■ 98B2EC

■ 98B2EC

■ 80A2EC

■ B0C2EC

■ 6991EC

■ C7D3EC

■ 5181EC

■ DFE3EC

■ 3A71EC

■ F6F3EC

■ 2261EC

■ FFFFEC

■ 0A50EC

■ 0049EC

Harmonies

Analogous

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



6CBBE8



98B2EC



C1A7E0

Triad

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



98B2EC



E9A08F



7BC19C

Complementary

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



98B2EC



ECD298

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.



9EBB83



98B2EC



D9A97C

Square

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



98B2EC



EC9CAA



BEB378



5CC2BA

Rectangle

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



98B2EC



D6A1D1



BEB378



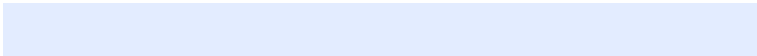
87BF93

Sweetspot

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



98B2EC



E3ECFF



98ECD1



6F7480



000000



808080

Same Dimension

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



98B2EC



91B3FF



A798EC



6A6D75



0038B5



001136

Inverse Universe

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



EC98B2



FF91B3



DDEC98



756A6D



B50038



360011

Previews

White Background



This preview shows how the Hex color 98B2EC looks on a white background.

Color Contrast Check

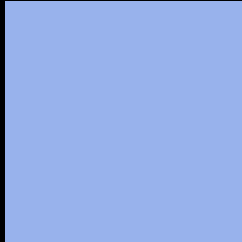
Large Text (above 18pt) WCAG AA × Fail

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 98B2EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

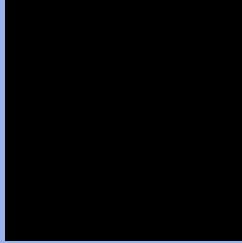
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

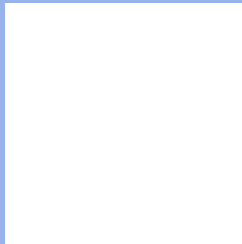
Any Text WCAG AAA ✓ Pass

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

Hex 98B2EC Background



This preview shows how black text looks on a background with the Hex color 98B2EC.

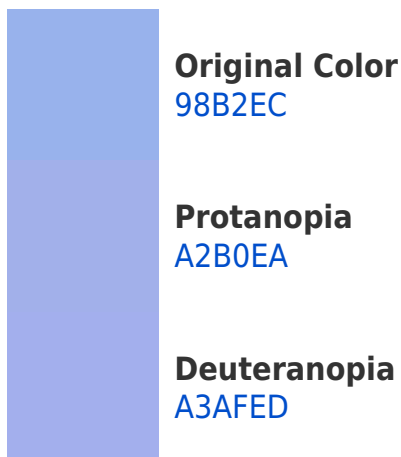


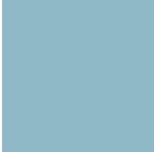
This preview shows how white text looks on a background with the Hex color 98B2EC.

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](#).

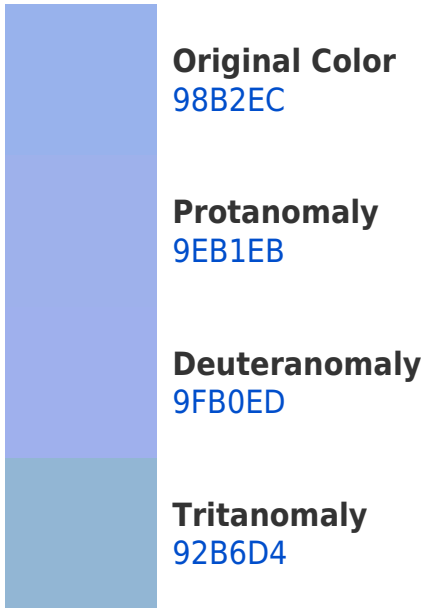
Dichromacy



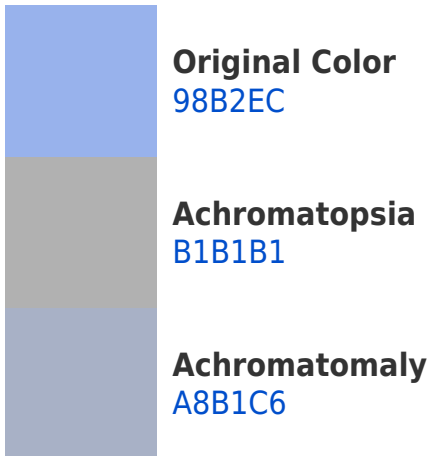


Tritanopia
8FB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98B2EC 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 #98B2EC looks like.

```
.text, #text, p{  
    color:#98B2EC  
}
```

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 #98B2EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B2EC  
}
```

Border

The CSS property to change the border of an element to Hex 98B2EC 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  
#98B2EC }
```

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

```
.border{ border-color:#98B2EC }
```

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

Here you see how a box with a 4 pixel #98B2EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B2EC; -webkit-box-shadow:4px 4px  
4px 4px #98B2EC; box-shadow:4px 4px 4px  
4px #98B2EC }
```

Background

The CSS property to change the background color of an element to Hex 98B2EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B2EC }
```

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

```
.background{ background-color:#98B2EC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor