

Converting Colors

Hex(98A7E4)

Have a look what the booklet for
Hex(98A7E4) contains.

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Color

Hex(98A7E4)

Conversions

Conversions Part 1

Format	Color
Hex	98A7E4
RGB	152, 167, 228
RGB Percent	60%, 65%, 89%
CMY	0.4039, 0.3451, 0.1059
CMYK	0.33, 0.27, 0.00, 0.11
HSL	228°, 58%, 75%
HSV	228°, 33%, 89%
XYZ	40.7712, 39.9143, 78.9541
YIQ	169.4690, -28.5210, 15.7910

Conversions

Conversions Part 2

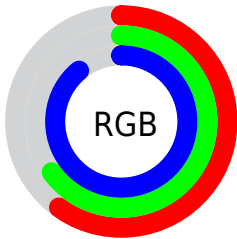
Format	Color
R _Y B	152, 165, 228
Decimal	10004452
CIE Lab	69.41, 8.95, -32.42
CIE LCh	69, 33.637, 285.426
Yxy	39.9143, 0.2554, 0.2500
Android (android.graphics.Color)	4288194532 (0xFF98A7E4)
YUV	169.4690, 28.8558, -15.3203
Hunter-Lab	63.1777, 4.6324, -29.8712

Details

The Hex color **98A7E4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4D598**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D0DEFF**, and **6273AC** is the 20% darker color. If you saturate the color by 10%, you get **8195E4**, and if you desaturate by 10%, it is **AFB9E4**.

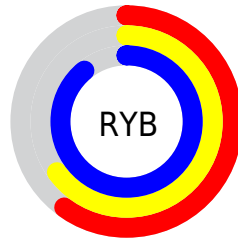
Distribution



Red (60%)

Green (65%)

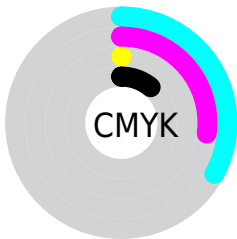
Blue (89%)



Red (60%)

Yellow (65%)

Blue (89%)

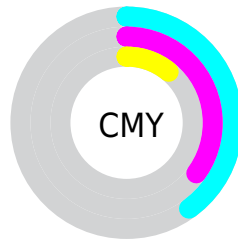


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98A7E4 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 98A7E4 by changing the saturation by 10% instead.

■ 98A7E4

■ 98A7E4

FFFFFF

■ 7D8DC8

■ D0DEFF

■ 6273AC

■ EDFBFF

■ 485B92

■ 2E4478

■ 0F2E5F

■ 001947

■ 000030

■ 00011A

■ 000000

■ 98A7E4

■ 98A7E4

■ 8195E4

■ AFB9E4

■ 6A82E4

■ C6CCE4

■ 5470E4

■ DCDEE4

■ 3D5EE4

■ F3F0E4

■ 264BE4

■ FFFFE4

■ 0F39E4

■ 002DE4

Harmonies

Analogous

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



68B1E4



98A7E4



C19CD4

Triad

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



98A7E4



DF997F



67B999

Complementary

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



98A7E4



E4D598

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.



8CB47E



98A7E4



CBA26F

Square

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



98A7E4



E6939B



AEAD6E



45BAB9

Rectangle

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



98A7E4



D596C3



AEAD6E



74B88F

Sweetspot

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



98A7E4



E6EBFF



98E4D5



707380



000000



808080

Same Dimension

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



98A7E4



99ADFF



AF98E4



676A73



0023B3



000A33

Inverse Universe

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



E498A7



FF99AD



CDE498



73676A



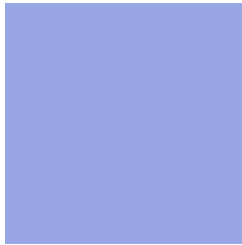
B30023



33000A

Previews

White Background



This preview shows how the Hex color 98A7E4 looks on a white background.

Color Contrast Check

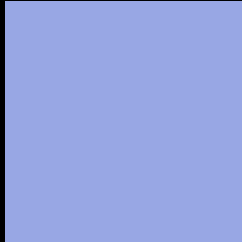
Large Text (above 18pt) WCAG AA × Fail

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 98A7E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

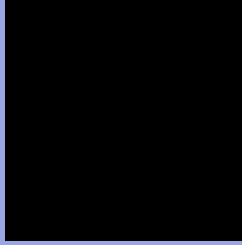
Any Text WCAG AA ✓ Pass

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 98A7E4 Background



This preview shows how black text looks on a background with the Hex color 98A7E4.



This preview shows how white text looks on a background with the Hex color 98A7E4.

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
98A7E4

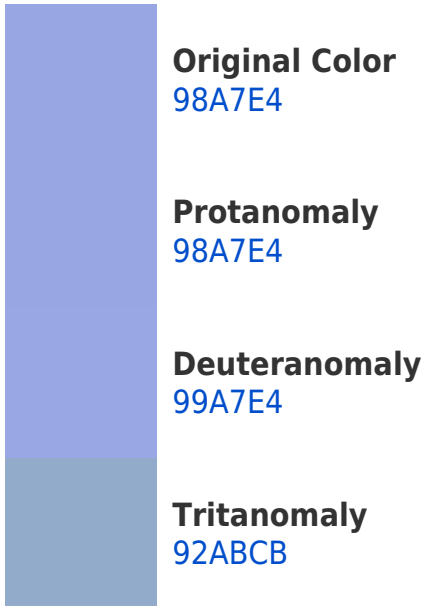
Protanopia
98A7E4

Deuteranopia
99A7E4

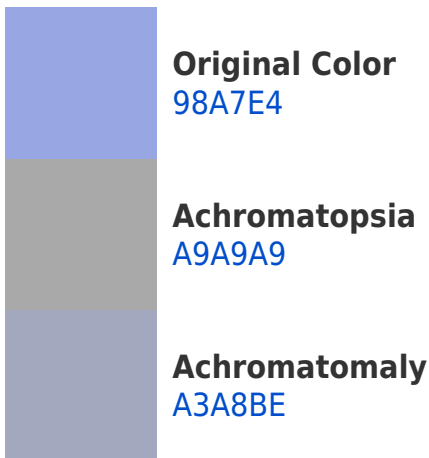


Tritanopia
8FAEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98A7E4 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 #98A7E4 looks like.

```
.text, #text, p{  
    color:#98A7E4  
}
```

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 #98A7E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A7E4
}
```

Border

The CSS property to change the border of an element to Hex 98A7E4 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
#98A7E4 }
```

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

```
.border{ border-color:#98A7E4 }
```

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

Here you see how a box with a 4 pixel #98A7E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A7E4; -webkit-box-shadow:4px 4px  
4px 4px #98A7E4; box-shadow:4px 4px 4px  
4px #98A7E4 }
```

Background

The CSS property to change the background color of an element to Hex 98A7E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A7E4 }
```

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

```
.background{ background-color:#98A7E4 }
```

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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