

Converting Colors

Hex(8A97D1)

Have a look what the booklet for
Hex(8A97D1) contains.

Hex(8A97D1)	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(8A97D1)

Conversions

Conversions Part 1

Format	Color
Hex	8A97D1
RGB	138, 151, 209
RGB Percent	54%, 59%, 82%
CMY	0.4588, 0.4078, 0.1804
CMYK	0.34, 0.28, 0.00, 0.18
HSL	229°, 44%, 68%
HSV	229°, 34%, 82%
XYZ	33.0565, 32.1399, 64.7830
YIQ	153.7250, -26.3660, 15.2820

Conversions

Conversions Part 2

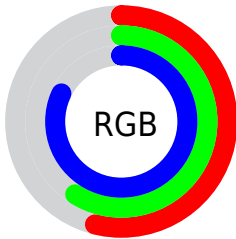
Format	Color
RYB	138, 149, 209
Decimal	9082833
CIELab	63.46, 9.13, -31.22
CIELCh	63, 32.525, 286.301
Yxy	32.1399, 0.2543, 0.2473
Android (android.graphics.Color)	4287272913 (0xFF8A97D1)
YUV	153.7250, 27.2506, -13.7908
Hunter-Lab	56.6921, 4.8700, -28.0672

Details

The Hex color **8A97D1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D1C48A**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C1CDFF**, and **55649A** is the 20% darker color. If you saturate the color by 10%, you get **7586D1**, and if you desaturate by 10%, it is **9FA8D1**.

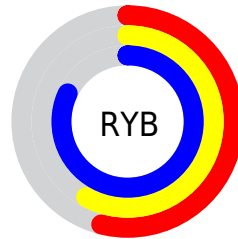
Distribution



Red (54%)

Green (59%)

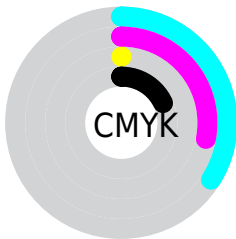
Blue (82%)



Red (54%)

Yellow (58%)

Blue (82%)

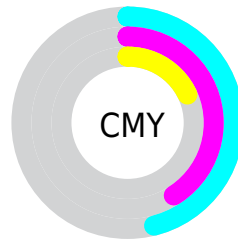


Cyan (34%)

Magenta (28%)

Yellow (0%)

Black (18%)



Cyan (46%)

Magenta (41%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A97D1 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 8A97D1 by changing the saturation by 10% instead.

8A97D1

8A97D1

FFFFFF

6F7DB5

C1CDFF

55649A

DEE9FF

3B4D80

FBFFFF

213667

00214E

000A37

000221

000007

000000

■ 8A97D1

■ 8A97D1

■ 7586D1

■ 9FA8D1

■ 6075D1

■ B4B9D1

■ 4B64D1

■ C9CAD1

■ 3653D1

■ DEDBD1

■ 2242D1

■ F3ECD1

■ 0D31D1

■ FFFDD1

■ 0026D1

■ FFFFD1

Harmonies

Analogous

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



5BA0D1



8A97D1



B18DC2

Triad

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



8A97D1



CC8A71



59A88B

Complementary

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



8A97D1



D1C48A

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.



7DA471



8A97D1



B99362

Square

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



8A97D1



D3848B



9D9D61



36A9A9

Rectangle

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



8A97D1



C387B2



9D9D61



65A781

Sweetspot

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



8A97D1



E6EAFF



8AD1C4



707380



000000



808080

Same Dimension

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



8A97D1



96AAFF



A08AD1



5E6069



001FA8



000729

Inverse Universe

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



D18A97



FF96AA



BBD18A



695E60



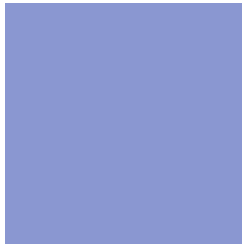
A8001F



290007

Previews

White Background



This preview shows how the Hex color 8A97D1 looks on a white background.

Color Contrast Check

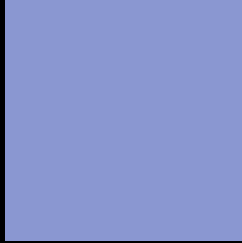
Large Text (above 18pt) WCAG AA × Fail

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 8A97D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

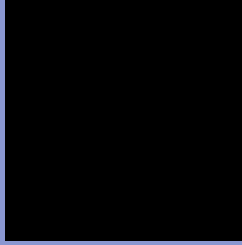
Any Text WCAG AA ✓ Pass

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 8A97D1 Background



This preview shows how black text looks on a background with the Hex color 8A97D1.



This preview shows how white text looks on a background with the Hex color 8A97D1.

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
8A97D1

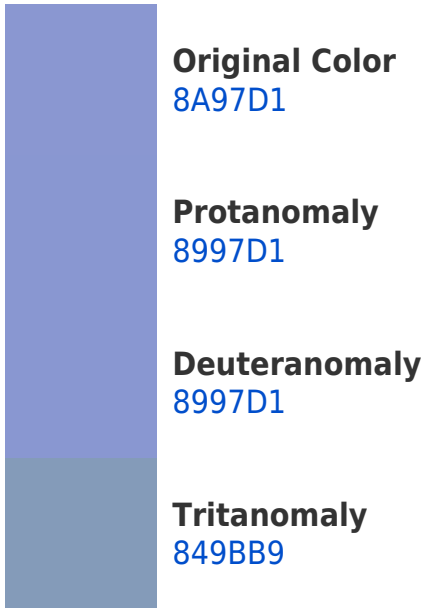
Protanopia
8897D1

Deuteranopia
8997D1

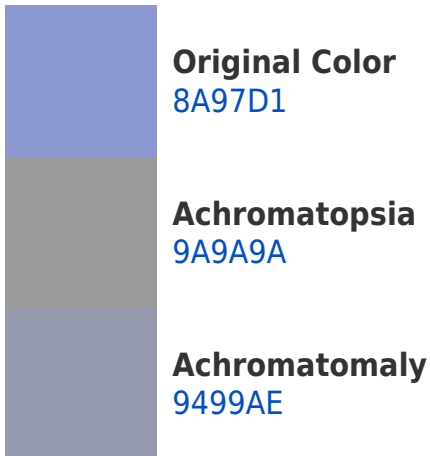


Tritanopia
819EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A97D1 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 #8A97D1 looks like.

```
.text, #text, p{  
    color:#8A97D1  
}
```

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 #8A97D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A97D1  
}
```

Border

The CSS property to change the border of an element to Hex 8A97D1 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  
#8A97D1 }
```

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

```
.border{ border-color:#8A97D1 }
```

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

Here you see how a box with a 4 pixel #8A97D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A97D1; -webkit-box-shadow:4px 4px  
4px 4px #8A97D1; box-shadow:4px 4px 4px  
4px #8A97D1 }
```

Background

The CSS property to change the background color of an element to Hex 8A97D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A97D1 }
```

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

```
.background{ background-color:#8A97D1 }
```

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