

Converting Colors

Hex(9BA7E4)

Have a look what the booklet for
Hex(9BA7E4) contains.

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Color

Hex(9BA7E4)

Conversions

Conversions Part 1

Format	Color
Hex	9BA7E4
RGB	155, 167, 228
RGB Percent	61%, 65%, 89%
CMY	0.3922, 0.3451, 0.1059
CMYK	0.32, 0.27, 0.00, 0.11
HSL	230°, 57%, 75%
HSV	230°, 32%, 89%
XYZ	41.3399, 40.2074, 78.9808
YIQ	170.3660, -26.7330, 16.4270

Conversions

Conversions Part 2

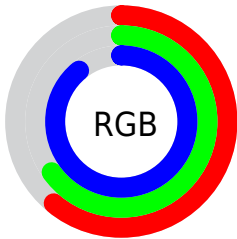
Format	Color
RYB	155, 165, 228
Decimal	10201060
CIELab	69.62, 9.79, -32.09
CIELCh	70, 33.547, 286.974
Yxy	40.2074, 0.2575, 0.2505
Android (android.graphics.Color)	4288391140 (0xFF9BA7E4)
YUV	170.3660, 28.4136, -13.4760
Hunter-Lab	63.4093, 5.4072, -29.4633

Details

The Hex color **9BA7E4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4D89B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D3DEFF**, and **6573AC** is the 20% darker color. If you saturate the color by 10%, you get **8494E4**, and if you desaturate by 10%, it is **B2BAE4**.

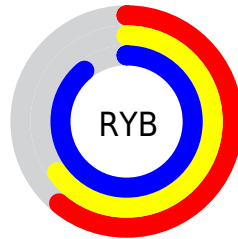
Distribution



Red (61%)

Green (65%)

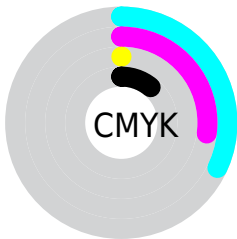
Blue (89%)



Red (61%)

Yellow (65%)

Blue (89%)

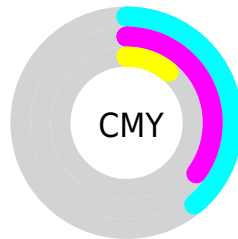


Cyan (32%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (39%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BA7E4 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 9BA7E4 by changing the saturation by 10% instead.

■ 9BA7E4

■ 9BA7E4

FFFFFF

■ 808DC8

■ D3DEFF

■ 6573AC

■ F0FBFF

■ 4B5B92

■ 314378

■ 152E5F

■ 001947

■ 000030

■ 00011A

■ 000000

 9BA7E4

 9BA7E4

 8494E4

 B2BAE4

 6D81E4

 C9CDE4

 576EE4

 DFE0E4

 405BE4

 F6F3E4

 2948E4

 FFFFE4

 1235E4

 0025E4

Harmonies

Analogous

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



6BB1E5



9BA7E4



C39CD4

Triad

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



9BA7E4



DF9A7F



66BA9B

Complementary

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



9BA7E4



E4D89B

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.



8BB580



9BA7E4



CBA46F

Square

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



9BA7E4



E6939A



ADAE6F



45BBBB

Rectangle

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



9BA7E4



D796C2



ADAE6F



72B991

Sweetspot

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



9BA7E4



E6EAFF



9BE4D8



707380



000000



808080

Same Dimension

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



9BA7E4



9EAEFF



B39BE4



676973



001DB3



000833

Inverse Universe

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



E49BA7



FF9EAE



CCE49B



736769



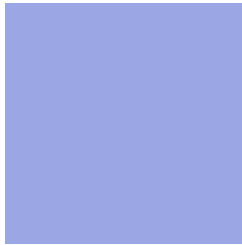
B3001D



330008

Previews

White Background



This preview shows how the Hex color 9BA7E4 looks on a white background.

Color Contrast Check

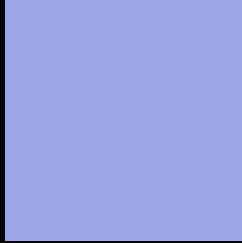
Large Text (above 18pt) WCAG AA × Fail

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 9BA7E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

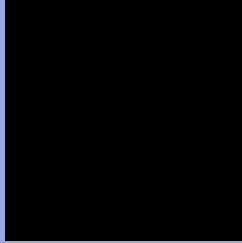
Any Text WCAG AA ✓ Pass

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 9BA7E4 Background



This preview shows how black text looks on a background with the Hex color 9BA7E4.



This preview shows how white text looks on a background with the Hex color 9BA7E4.

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
9BA7E4

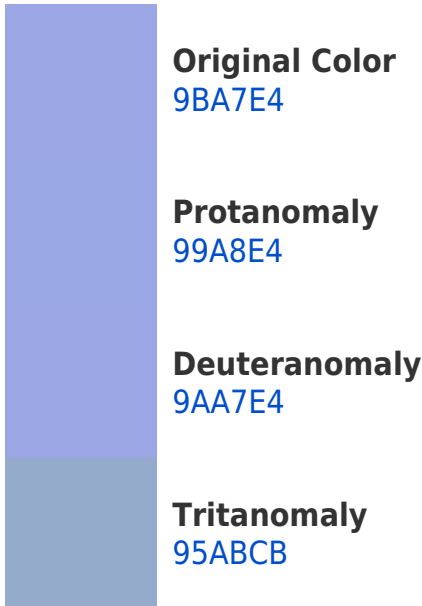
Protanopia
98A8E4

Deuteranopia
9AA7E4

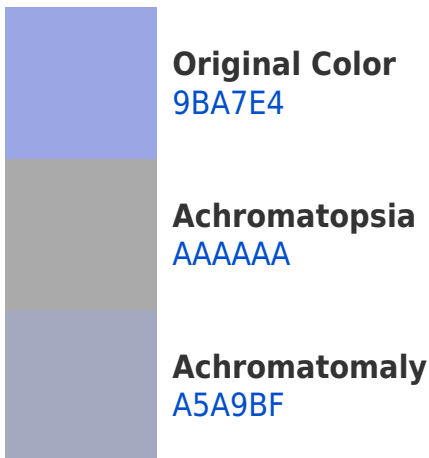


Tritanopia
92AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BA7E4 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 #9BA7E4 looks like.

```
.text, #text, p{  
    color:#9BA7E4  
}
```

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 #9BA7E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BA7E4
}
```

Border

The CSS property to change the border of an element to Hex 9BA7E4 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
#9BA7E4 }
```

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

```
.border{ border-color:#9BA7E4 }
```

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

Here you see how a box with a 4 pixel #9BA7E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BA7E4; -webkit-box-shadow:4px 4px  
4px 4px #9BA7E4; box-shadow:4px 4px 4px  
4px #9BA7E4 }
```

Background

The CSS property to change the background color of an element to Hex 9BA7E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BA7E4 }
```

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

```
.background{ background-color:#9BA7E4 }
```

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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