

Converting Colors

Hex(99B6EA)

Have a look what the booklet for
Hex(99B6EA) contains.

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Color

Hex(99B6EA)

Conversions

Conversions Part 1

Format	Color
Hex	99B6EA
RGB	153, 182, 234
RGB Percent	60%, 71%, 92%
CMY	0.4000, 0.2863, 0.0824
CMYK	0.35, 0.22, 0.00, 0.08
HSL	219°, 66%, 76%
HSV	219°, 35%, 92%
XYZ	44.7161, 46.1687, 84.3966
YIQ	179.2570, -33.9760, 10.0240

Conversions

Conversions Part 2

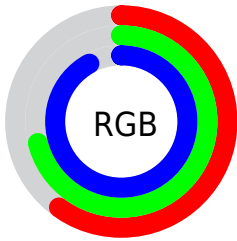
Format	Color
R _Y B	153, 174, 234
Decimal	10073834
CIE Lab	73.65, 2.43, -29.14
CIE LCh	74, 29.242, 274.773
Yxy	46.1687, 0.2551, 0.2634
Android (android.graphics.Color)	4288263914 (0xFF99B6EA)
YUV	179.2570, 26.9883, -23.0274
Hunter-Lab	67.9476, -1.4379, -26.0798

Details

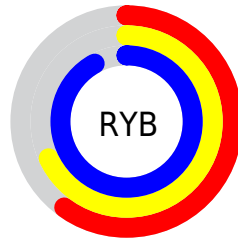
The Hex color **99B6EA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EACD99**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D1EEFF**, and **6381B2** is the 20% darker color. If you saturate the color by 10%, you get **82A7EA**, and if you desaturate by 10%, it is **B0C5EA**.

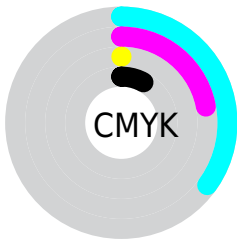
Distribution



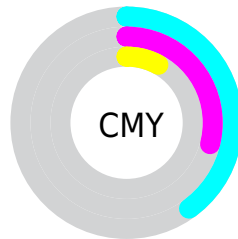
- Red (60%)
- Green (71%)
- Blue (92%)



- Red (60%)
- Yellow (68%)
- Blue (92%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B6EA 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 99B6EA by changing the saturation by 10% instead.

■ 99B6EA

FFFFFF

■ D1EEFF

■ EEEFFF

■ 99B6EA

■ 7E9BCE

■ 6381B2

■ 496897

■ 2E507D

■ 0D3A64

■ 00244C

■ 000F35

■ 00021F

■ 000002

■ 99B6EA

■ 99B6EA

■ 82A7EA

■ B0C5EA

■ 6A98EA

■ C8D4EA

■ 5389EA

■ DFE3EA

■ 3B7AEA

■ F7F2EA

■ 246BEA

■ FFFFEA

■ 0D5CEA

■ 0054EA

Harmonies

Analogous

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



75BEE5



99B6EA



BEADE1

Triad

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



99B6EA



E9A498



88C29D

Complementary

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



99B6EA



EACD99

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.



A7BD88



99B6EA



DBAC85

Square

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



99B6EA



EAA1B2



C4B57F



6DC4B8

Rectangle

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



99B6EA



D3A7D4



C4B57F



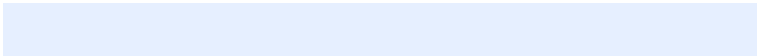
92C095

Sweetspot

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



99B6EA



E6EFFF



99EACC



707680



000000



808080

Same Dimension

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



99B6EA



94BAFF



A499EA



6A6E75



0041B5



001336

Inverse Universe

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



EA99B6



FF94BA



DFEA99



756A6E



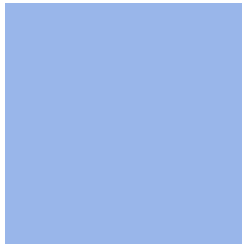
B50041



360013

Previews

White Background



This preview shows how the Hex color 99B6EA looks on a white background.

Color Contrast Check

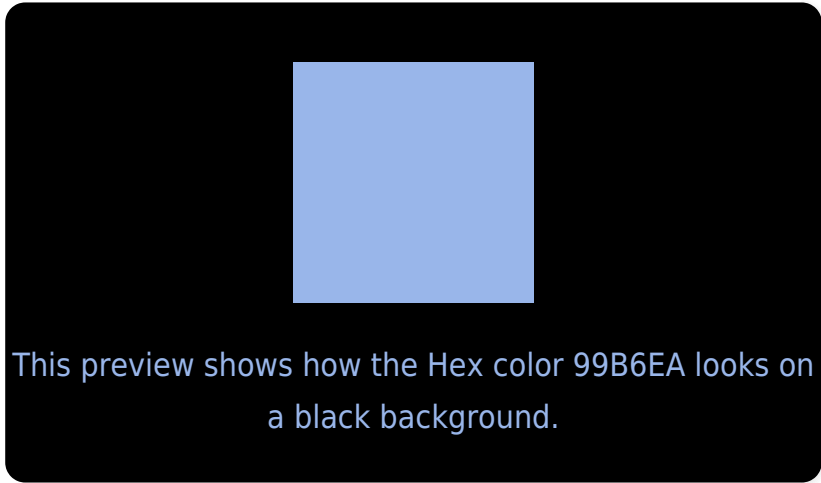
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

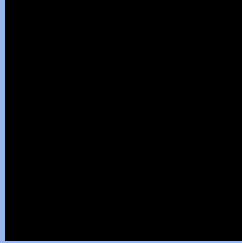
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

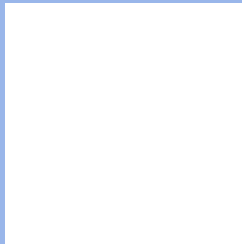
Any Text WCAG AAA ✓ Pass

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

Hex 99B6EA Background



This preview shows how black text looks on a background with the Hex color 99B6EA.

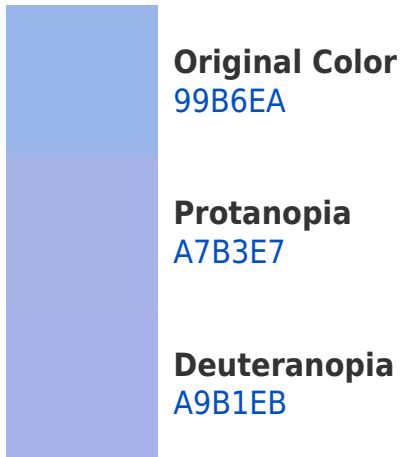


This preview shows how white text looks on a background with the Hex color 99B6EA.

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](#).

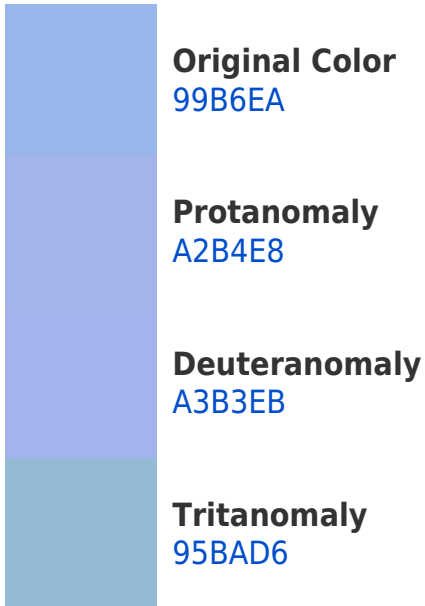
Dichromacy



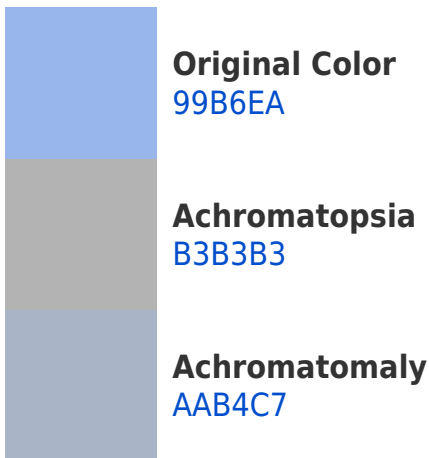


Tritanopia
92BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B6EA 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 #99B6EA looks like.

```
.text, #text, p{  
    color:#99B6EA  
}
```

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 #99B6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B6EA
}
```

Border

The CSS property to change the border of an element to Hex 99B6EA 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
#99B6EA }
```

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

```
.border{ border-color:#99B6EA }
```

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

Here you see how a box with a 4 pixel #99B6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B6EA; -webkit-box-shadow:4px 4px  
4px 4px #99B6EA; box-shadow:4px 4px 4px  
4px #99B6EA }
```

Background

The CSS property to change the background color of an element to Hex 99B6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B6EA }
```

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

```
.background{ background-color:#99B6EA }
```

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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