

Converting Colors

Hex(99C6EC)

Have a look what the booklet for
Hex(99C6EC) contains.

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Color

Hex(99C6EC)

Conversions

Conversions Part 1

Format	Color
Hex	99C6EC
RGB	153, 198, 236
RGB Percent	60%, 78%, 93%
CMY	0.4000, 0.2235, 0.0745
CMYK	0.35, 0.16, 0.00, 0.07
HSL	207°, 69%, 76%
HSV	207°, 35%, 93%
XYZ	48.4713, 53.2166, 87.0740
YIQ	188.8770, -39.0180, 2.2780

Conversions

Conversions Part 2

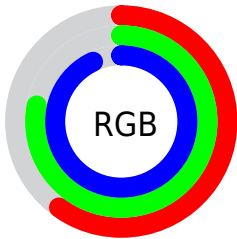
Format	Color
RYB	153, 182, 236
Decimal	10077932
CIELab	78.00, -5.71, -23.57
CIELCh	78, 24.249, 256.373
Yxy	53.2166, 0.2568, 0.2819
Android (android.graphics.Color)	4288268012 (0xFF99C6EC)
YUV	188.8770, 23.2316, -31.4641
Hunter-Lab	72.9497, -9.0581, -19.7047

Details

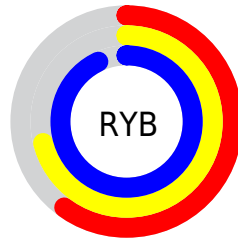
The Hex color **99C6EC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECBF99**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D1FFFF**, and **6390B4** is the 20% darker color. If you saturate the color by 10%, you get **81BBEC**, and if you desaturate by 10%, it is **B1D1EC**.

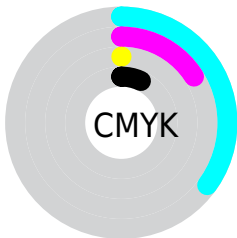
Distribution



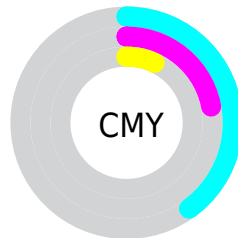
- Red (60%)
- Green (78%)
- Blue (93%)



- Red (60%)
- Yellow (71%)
- Blue (93%)



- Cyan (35%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99C6EC 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 99C6EC by changing the saturation by 10% instead.

 99C6EC

 99C6EC

FFFFFF

 7EABD0

 D1FFFF

 6390B4

 EEEFFF

 487799

 2C5E7F

 094666

 00304E

 001C37

 000222

 000007

■ 99C6EC

■ 99C6EC

■ 81BBEC

■ B1D1EC

■ 6AB0EC

■ C8DCEC

■ 52A6EC

■ E0E6EC

■ 3B9BEC

■ F7F1EC

■ 2390EC

■ FFFCEC

■ 0B85EC

■ FFFFEC

■ 0080EC

Harmonies

Analogous

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



85CBE1



99C6EC



B7BFEC

Triad

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



99C6EC



EFB1B5



ABC9A1

Complementary

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



99C6EC



ECBF99

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.



C5C396



99C6EC



EBB5A1

Square

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



99C6EC



E8B2CC



DBBC96



93CDB6

Rectangle

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



99C6EC



CBB9E5



DBBC96



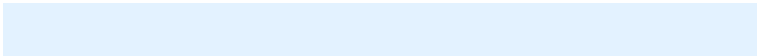
B4C89C

Sweetspot

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



99C6EC



E3F2FF



99ECBE



6F7880



000000



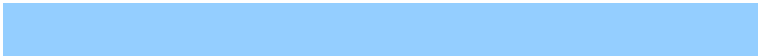
808080

Same Dimension

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



99C6EC



94CEFF



999DEC



6A7075



0062B5



001D36

Inverse Universe

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



EC99C6



FF94CE



ECE899



756A70



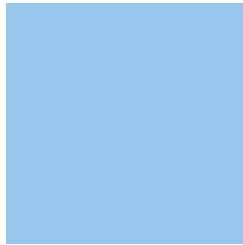
B50062



36001D

Previews

White Background



This preview shows how the Hex color 99C6EC looks on a white background.

Color Contrast Check

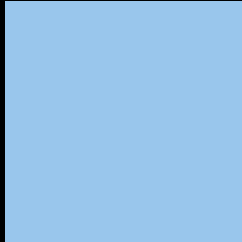
Large Text (above 18pt) WCAG AA × Fail

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 99C6EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

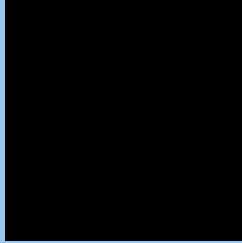
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

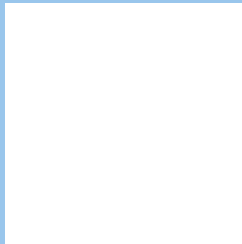
Any Text WCAG AAA ✓ Pass

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

Hex 99C6EC Background



This preview shows how black text looks on a background with the Hex color 99C6EC.

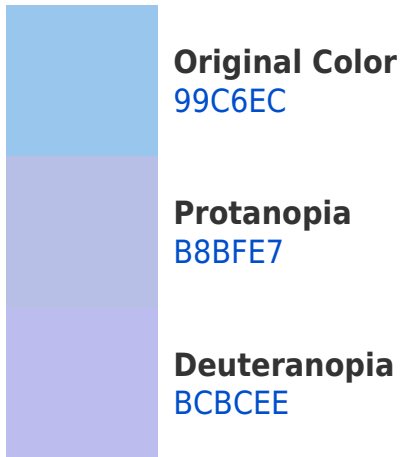


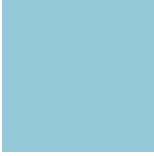
This preview shows how white text looks on a background with the Hex color 99C6EC.

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](#).

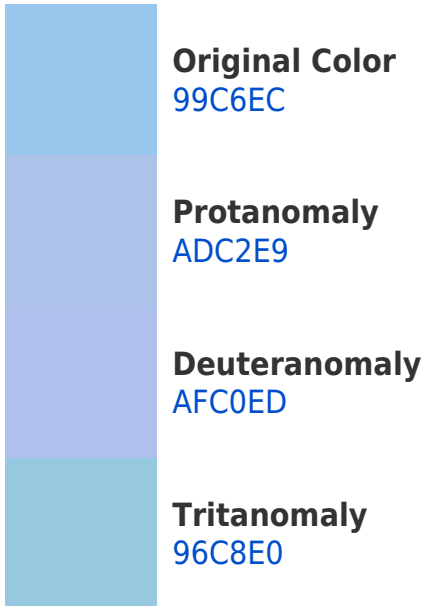
Dichromacy



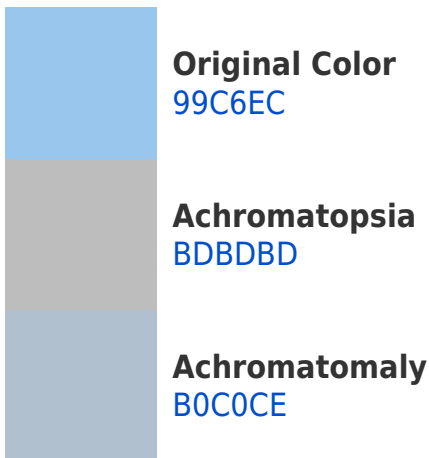


Tritanopia
95C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99C6EC 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 #99C6EC looks like.

```
.text, #text, p{  
    color:#99C6EC  
}
```

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 #99C6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C6EC  
}
```

Border

The CSS property to change the border of an element to Hex 99C6EC 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  
#99C6EC }
```

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

```
.border{ border-color:#99C6EC }
```

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

Here you see how a box with a 4 pixel #99C6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C6EC; -webkit-box-shadow:4px 4px  
4px 4px #99C6EC; box-shadow:4px 4px 4px  
4px #99C6EC }
```

Background

The CSS property to change the background color of an element to Hex 99C6EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C6EC }
```

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

```
.background{ background-color:#99C6EC }
```

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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