

Converting Colors

Hex(96ECD8)

Have a look what the booklet for
Hex(96ECD8) contains.

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Color

Hex(96ECD8)

Conversions

Conversions Part 1

Format	Color
Hex	96ECD8
RGB	150, 236, 216
RGB Percent	59%, 93%, 85%
CMY	0.4118, 0.0745, 0.1529
CMYK	0.36, 0.00, 0.08, 0.07
HSL	166°, 69%, 76%
HSV	166°, 36%, 93%
XYZ	54.9678, 71.4328, 75.8565
YIQ	208.0060, -44.8360, -24.4520

Conversions

Conversions Part 2

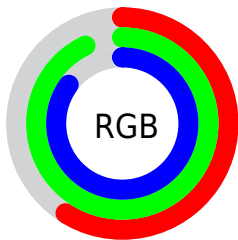
Format	Color
RYB	150, 199, 236
Decimal	9891032
CIELab	87.69, -30.39, 1.48
CIElCh	88, 30.422, 177.203
Yxy	71.4328, 0.2718, 0.3532
Android (android.graphics.Color)	4288081112 (0xFF96ECD8)
YUV	208.0060, 3.9410, -50.8713
Hunter-Lab	84.5179, -31.8156, 5.9486

Details

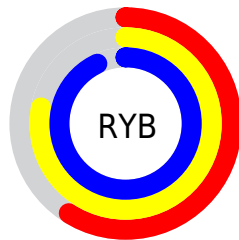
The Hex color **96ECD8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC96AA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **CFFFFFF**, and **5FB4A1** is the 20% darker color. If you saturate the color by 10%, you get **7EECD3**, and if you desaturate by 10%, it is **AEECDD**.

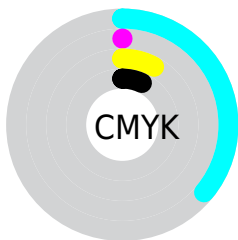
Distribution



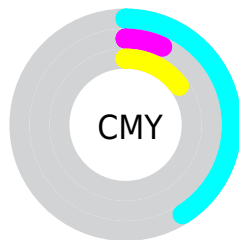
- Red (59%)
- Green (93%)
- Blue (85%)



- Red (59%)
- Yellow (78%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (41%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96ECD8 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 96ECD8 by changing the saturation by 10% instead.

 96ECD8

FFFFFF

 CFFFFFF

 ECFFFF

 96ECD8

 7AD0BC

 5FB4A1

 439987

 247F6E

 006556

 004D3E

 003529

 002214

 000000

 96ECD8

 96ECD8

 7EECD3

 AEECDD

 67ECCD

 C5ECE3

 4FECC8

 DDECE8

 38ECC2

 F4ECEE

 20ECBD

 FFECF3

 08ECB7

 FFECF9

 00ECB5

 FFECFE

 FFECFF

Harmonies

Analogous

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



B4E9BC



96ECD8



87ECF5

Triad

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



96ECD8



DDD5FF



FFCFAC

Complementary

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



96ECD8



EC96AA

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.



FFC8C3



96ECD8



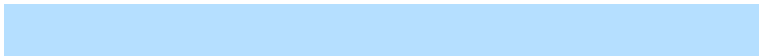
FFCCFC

Square

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



96ECD8



B5DFFF



FFC7E0



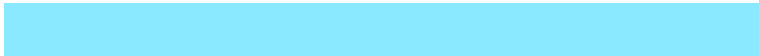
F4D9A2

Rectangle

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



96ECD8



8BE9FF



FFC7E0



FFCDB3

Sweetspot

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



96ECD8



E3FFF8



AAEC96



6F807C



000000



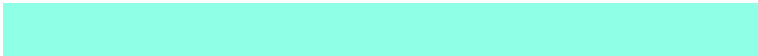
808080

Same Dimension

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



96ECD8



8FFFE5



96D5EC



6A7573



00B58B



003629

Inverse Universe

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



EC96AA



FF8FA9



ECAD96



756A6C



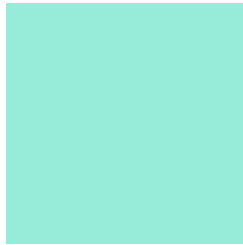
B5002A



36000C

Previews

White Background



This preview shows how the Hex color 96ECD8 looks on a white background.

Color Contrast Check

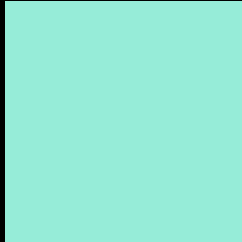
Large Text (above 18pt) WCAG AA × Fail

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 96ECD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

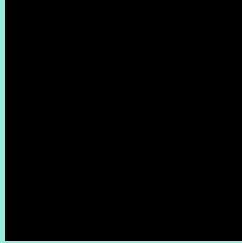
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

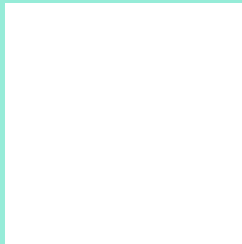
Any Text WCAG AAA ✓ Pass

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

Hex 96ECD8 Background



This preview shows how black text looks on a background with the Hex color 96ECD8.

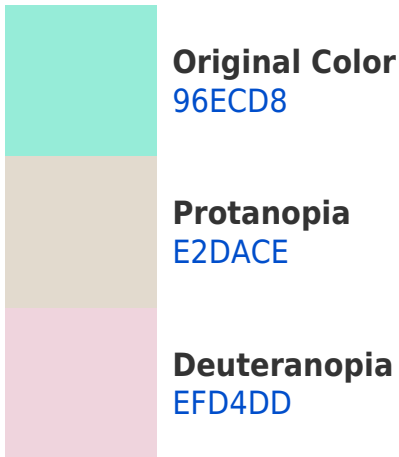


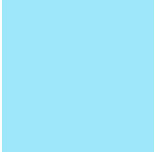
This preview shows how white text looks on a background with the Hex color 96ECD8.

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



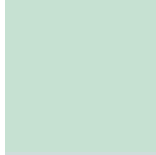


Tritanopia
9EE7FA

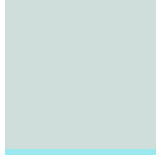
Trichromacy



Original Color
96ECD8



Protanomaly
C6E1D2



Deuteranomaly
CFDDDB

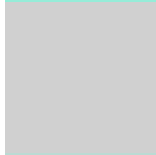


Tritanomaly
9BE9EE

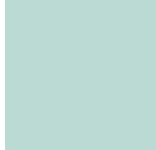
Monochromacy



Original Color
96ECD8



Achromatopsia
D0D0D0



Achromatomaly
BBDAD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 96ECD8 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 #96ECD8 looks like.

```
.text, #text, p{  
    color:#96ECD8  
}
```

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 #96ECD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96ECD8  
}
```

Border

The CSS property to change the border of an element to Hex 96ECD8 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  
#96ECD8 }
```

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

```
.border{ border-color:#96ECD8 }
```

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

Here you see how a box with a 4 pixel #96ECD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96ECD8; -webkit-box-shadow:4px 4px  
4px 4px #96ECD8; box-shadow:4px 4px 4px  
4px #96ECD8 }
```

Background

The CSS property to change the background color of an element to Hex 96ECD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96ECD8 }
```

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

```
.background{ background-color:#96ECD8 }
```

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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