

Converting Colors

Hex(97D8EA)

Have a look what the booklet for
Hex(97D8EA) contains.

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Color

Hex(97D8EA)

Conversions

Conversions Part 1

Format	Color
Hex	97D8EA
RGB	151, 216, 234
RGB Percent	59%, 85%, 92%
CMY	0.4078, 0.1529, 0.0824
CMYK	0.35, 0.08, 0.00, 0.08
HSL	193°, 66%, 75%
HSV	193°, 35%, 92%
XYZ	52.1696, 61.6316, 86.9883
YIQ	198.6170, -44.5180, -8.1820

Conversions

Conversions Part 2

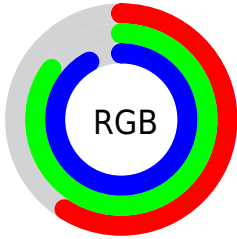
Format	Color
R _{YB}	151, 187, 234
Decimal	9951466
CIE Lab	82.72, -16.12, -15.38
CIE LCh	83, 22.280, 223.647
Yxy	61.6316, 0.2598, 0.3069
Android (android.graphics.Color)	4288141546 (0xFF97D8EA)
YUV	198.6170, 17.4438, -41.7601
Hunter-Lab	78.5058, -18.7660, -10.7423

Details

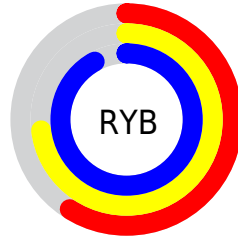
The Hex color **97D8EA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EAA997**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D0FFFF**, and **60A1B2** is the 20% darker color. If you saturate the color by 10%, you get **80D3EA**, and if you desaturate by 10%, it is **AEDDEA**.

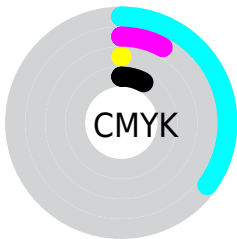
Distribution



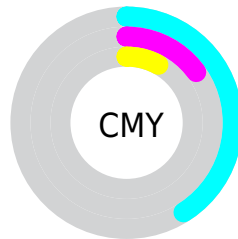
- Red (59%)
- Green (85%)
- Blue (92%)



- Red (59%)
- Yellow (73%)
- Blue (92%)



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



- Cyan (41%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97D8EA 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 97D8EA by changing the saturation by 10% instead.

 97D8EA

FFFFFF

 D0FFFF

 EDFFFF

 97D8EA

 7BBCCE

 60A1B2

 458798

 286D7E

 005565

 003E4D

 002836

 001221

 000007

97D8EA

97D8EA

80D3EA

AEDDEA

68CEEA

C6E2EA

51C9EA

DDE7EA

39C4EA

F5ECEA

22BFEA

FFF1EA

0BBAEA

FFF6EA

00B7EA

FFFCEA

FFFEEA

Harmonies

Analogous

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



97DAD7



97D8EA



A8D3F5

Triad

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



97D8EA



F1C0DA



D4D0A5

Complementary

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



97D8EA



EAA997

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.



E9C9A6



97D8EA



F9BFC5

Square

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



97D8EA



DDC5EC



F6C2B2



BCD5AF

Rectangle

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



97D8EA



B9CFF7



F6C2B2



DCCDA4

Sweetspot

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



97D8EA



E3F9FF



97EAA9



6F7C80



000000



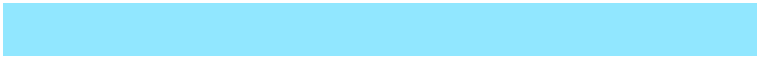
808080

Same Dimension

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



97D8EA



91E7FF



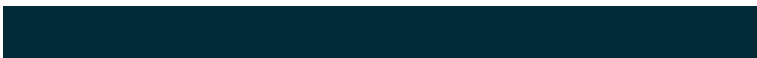
97AFEA



6A7375



008EB5



002A36

Inverse Universe

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



EA97D8



FF91E7



EAD297



756A73



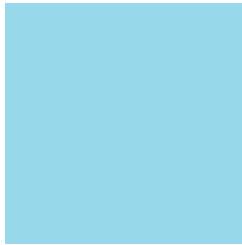
B5008E



36002A

Previews

White Background



This preview shows how the Hex color 97D8EA looks on a white background.

Color Contrast Check

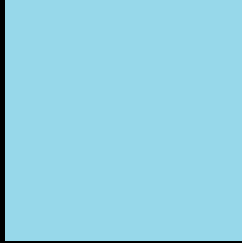
Large Text (above 18pt) WCAG AA × Fail

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 97D8EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

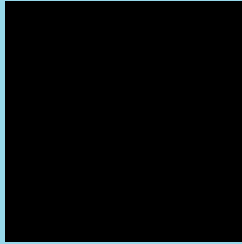
Any Text WCAG AA ✓ Pass

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 97D8EA Background



This preview shows how black text looks on a background with the Hex color 97D8EA.

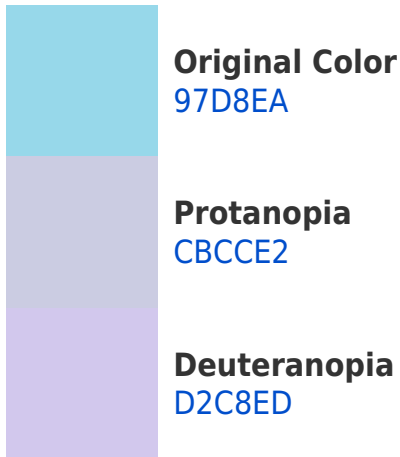


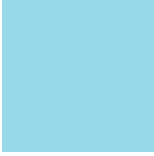
This preview shows how white text looks on a background with the Hex color 97D8EA.

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



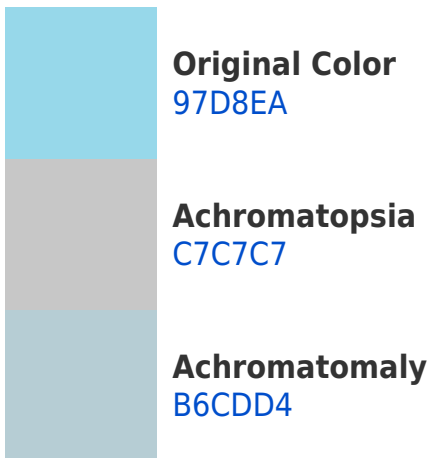


Tritanopia
97D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97D8EA 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 #97D8EA looks like.

```
.text, #text, p{  
    color:#97D8EA  
}
```

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 #97D8EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D8EA
}
```

Border

The CSS property to change the border of an element to Hex 97D8EA 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
#97D8EA }
```

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

```
.border{ border-color:#97D8EA }
```

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

Here you see how a box with a 4 pixel #97D8EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D8EA; -webkit-box-shadow:4px 4px  
4px 4px #97D8EA; box-shadow:4px 4px 4px  
4px #97D8EA }
```

Background

The CSS property to change the background color of an element to Hex 97D8EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D8EA }
```

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

```
.background{ background-color:#97D8EA }
```

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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