

Converting Colors

Hex(97D6C8)

Have a look what the booklet for
Hex(97D6C8) contains.

Hex(97D6C8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(97D6C8)

Conversions

Conversions Part 1

Format	Color
Hex	97D6C8
RGB	151, 214, 200
RGB Percent	59%, 84%, 78%
CMY	0.4078, 0.1608, 0.2157
CMYK	0.29, 0.00, 0.07, 0.16
HSL	167°, 43%, 72%
HSV	167°, 29%, 84%
XYZ	47.2344, 58.8426, 63.5118
YIQ	193.5670, -33.0540, -17.7100

Conversions

Conversions Part 2

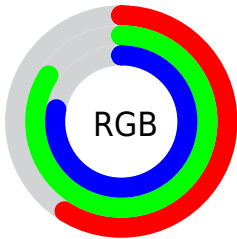
Format	Color
RYB	151, 186, 214
Decimal	9950920
CIELab	81.20, -22.94, 0.49
CIElCh	81, 22.948, 178.782
Yxy	58.8426, 0.2785, 0.3470
Android (android.graphics.Color)	4288141000 (0xFF97D6C8)
YUV	193.5670, 3.1715, -37.3313
Hunter-Lab	76.7089, -24.3272, 4.6066

Details

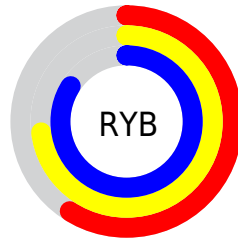
The Hex color **97D6C8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D697A5**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CFFFFFF**, and **629F92** is the 20% darker color. If you saturate the color by 10%, you get **82D6C3**, and if you desaturate by 10%, it is **ACD6CD**.

Distribution



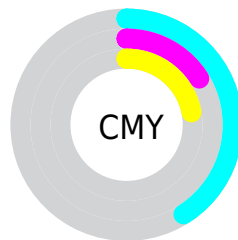
- Red (59%)
- Green (84%)
- Blue (78%)



- Red (59%)
- Yellow (73%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (41%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97D6C8 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 97D6C8 by changing the saturation by 10% instead.

 97D6C8

 97D6C8

FFFFFF

 7CBAAD

 CFFFFF

 629F92

 EBFFFF

 488578

 2E6B60

 115348

 003B32

 00251D

 000803

 000000

 97D6C8

 97D6C8

 82D6C3

 ACD6CD

 6CD6BE

 C2D6D2

 57D6BA

 D7D6D6

 41D6B5

 EDD6DB

 2CD6B0

 FFD6E0

 17D6AB

 FFD6E5

 01D6A7

 FFD6E9

 00D6A6

 FFD6EE

 FFD6F3

Harmonies

Analogous

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



ABD4B3



97D6C8



8ED5DE

Triad

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



97D6C8



CCC5EF



EDC1A6

Complementary

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



97D6C8



D697A5

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.



F6BCB6



97D6C8



E5BEE0

Square

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



97D6C8



B0CCF4



F3BBCB



DBC89F

Rectangle

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



97D6C8



93D3E9



F3BBCB



F1BFAA

Sweetspot

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



97D6C8



E8FFFA



A6D697



71807C



000000



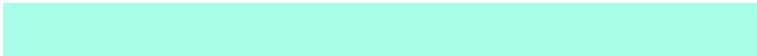
808080

Same Dimension

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



97D6C8



A6FFEB



97C5D6



606B69



00AB85



002B22

Inverse Universe

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



D697A5



FFA6BA



D6A897



6B6063



AB0026



2B000A

Previews

White Background



This preview shows how the Hex color 97D6C8 looks on a white background.

Color Contrast Check

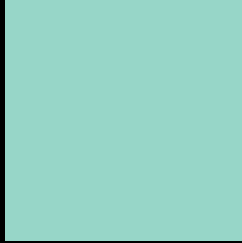
Large Text (above 18pt) WCAG AA × Fail

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 97D6C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

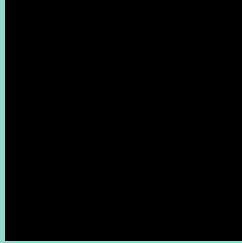
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

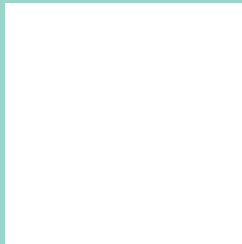
Any Text WCAG AAA ✓ Pass

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

Hex 97D6C8 Background



This preview shows how black text looks on a background with the Hex color 97D6C8.



This preview shows how white text looks on a background with the Hex color 97D6C8.

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



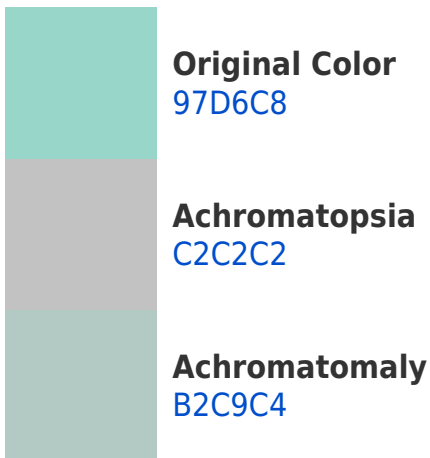


Tritanopia
9DD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97D6C8 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 #97D6C8 looks like.

```
.text, #text, p{  
    color:#97D6C8  
}
```

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 #97D6C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D6C8
}
```

Border

The CSS property to change the border of an element to Hex 97D6C8 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
#97D6C8 }
```

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

```
.border{ border-color:#97D6C8 }
```

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

Here you see how a box with a 4 pixel #97D6C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D6C8; -webkit-box-shadow:4px 4px  
4px 4px #97D6C8; box-shadow:4px 4px 4px  
4px #97D6C8 }
```

Background

The CSS property to change the background color of an element to Hex 97D6C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D6C8 }
```

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

```
.background{ background-color:#97D6C8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor