

Converting Colors

Hex(9CD7C0)

Have a look what the booklet for
Hex(9CD7C0) contains.

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Color

Hex(9CD7C0)

Conversions

Conversions Part 1

Format	Color
Hex	9CD7C0
RGB	156, 215, 192
RGB Percent	61%, 84%, 75%
CMY	0.3882, 0.1569, 0.2471
CMYK	0.27, 0.00, 0.11, 0.16
HSL	157°, 42%, 73%
HSV	157°, 27%, 84%
XYZ	47.5252, 59.4746, 58.8441
YIQ	194.7370, -27.7810, -19.6610

Conversions

Conversions Part 2

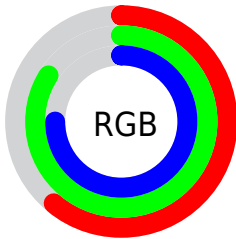
Format	Color
RYB	156, 193, 215
Decimal	10278848
CIELab	81.55, -23.63, 5.28
CIELCh	82, 24.210, 167.394
Yxy	59.4746, 0.2866, 0.3586
Android (android.graphics.Color)	4288468928 (0xFF9CD7C0)
YUV	194.7370, -1.3493, -33.9723
Hunter-Lab	77.1198, -24.9587, 8.7443

Details

The Hex color **9CD7C0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D79CB3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D4FFF8**, and **67A08B** is the 20% darker color. If you saturate the color by 10%, you get **87D7B8**, and if you desaturate by 10%, it is **B2D7C8**.

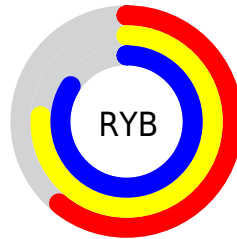
Distribution



Red (61%)

Green (84%)

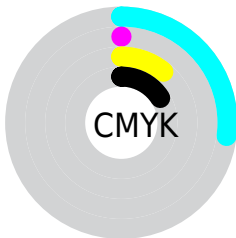
Blue (75%)



Red (61%)

Yellow (76%)

Blue (84%)

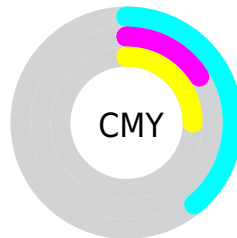


Cyan (27%)

Magenta (0%)

Yellow (11%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CD7C0 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 9CD7C0 by changing the saturation by 10% instead.

 9CD7C0

FFFFFF

 D4FFF8

 F0FFFF

 9CD7C0

 81BBA5

 67A08B

 4D8671

 346C59

 1A5441

 003C2B

 002617

 000B00

 000000

 9CD7C0

 9CD7C0

 87D7B8

 B2D7C8

 71D7AF

 C7D7D1

 5CD7A7

 DDD7D9

 46D79E

 F2D7E2

 31D796

 FFD7EA

 1BD78E

 FFD7F2

 05D785

 FFD7FB

 00D783

 FFD7FF

Harmonies

Analogous

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



B4D3AB



9CD7C0



8DD8D7

Triad

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



9CD7C0



C2C8F6



F5BFAA

Complementary

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



9CD7C0



D79CB3

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.



FABBBE



9CD7C0



DEC1EA

Square

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



9CD7C0



A4D0F6



F2BBD5



E5C69F

Rectangle

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



9CD7C0



8CD6E5



F2BBD5



F8DBD0

Sweetspot

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



9CD7C0



EBFFF7



B4D79C



73807B



000000



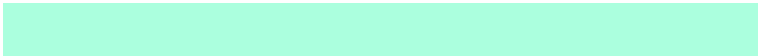
808080

Same Dimension

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



9CD7C0



ABFFDE



9CD1D7



606B67



00AB68



002B1A

Inverse Universe

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



D79CB3



FFABCC



D7A29C



6B6065



AB0043



2B0011

Previews

White Background



This preview shows how the Hex color 9CD7C0 looks on a white background.

Color Contrast Check

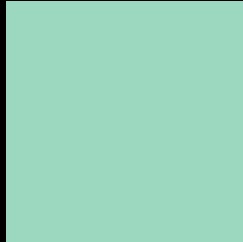
Large Text (above 18pt) WCAG AA × Fail

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 9CD7C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

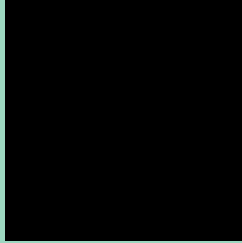
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

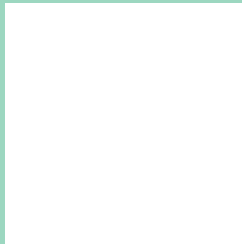
Any Text WCAG AAA ✓ Pass

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

Hex 9CD7C0 Background



This preview shows how black text looks on a background with the Hex color 9CD7C0.

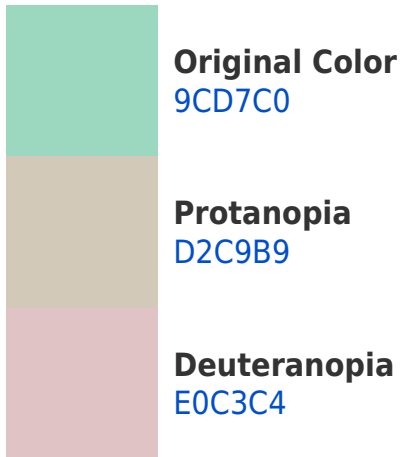


This preview shows how white text looks on a background with the Hex color 9CD7C0.

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
A3D2E3

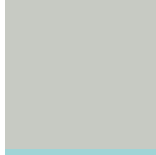
Trichromacy



Original Color
9CD7C0



Protanomaly
BECEBC



Deuteranomaly
C7CAC3

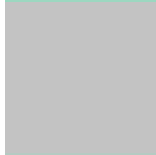


Tritanomaly
A0D4D6

Monochromacy



Original Color
9CD7C0



Achromatopsia
C3C3C3



Achromatomaly
B5CAC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CD7C0 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 #9CD7C0 looks like.

```
.text, #text, p{  
    color:#9CD7C0  
}
```

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 #9CD7C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD7C0
}
```

Border

The CSS property to change the border of an element to Hex 9CD7C0 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
#9CD7C0 }
```

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

```
.border{ border-color:#9CD7C0 }
```

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

Here you see how a box with a 4 pixel #9CD7C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD7C0; -webkit-box-shadow:4px 4px  
4px 4px #9CD7C0; box-shadow:4px 4px 4px  
4px #9CD7C0 }
```

Background

The CSS property to change the background color of an element to Hex 9CD7C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD7C0 }
```

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

```
.background{ background-color:#9CD7C0 }
```

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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