

Converting Colors

Hex(99DCDC)

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

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Color

Hex(99DCDC)

Conversions

Conversions Part 1

Format	Color
Hex	99DCDC
RGB	153, 220, 220
RGB Percent	60%, 86%, 86%
CMY	0.4000, 0.1373, 0.1373
CMYK	0.30, 0.00, 0.00, 0.14
HSL	180°, 49%, 73%
HSV	180°, 30%, 86%
XYZ	51.6483, 63.1260, 77.1725
YIQ	199.9670, -39.9320, -14.2040

Conversions

Conversions Part 2

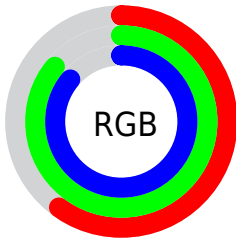
Format	Color
RYB	153, 187, 220
Decimal	10083548
CIELab	83.51, -20.90, -6.75
CIElCh	84, 21.965, 197.903
Yxy	63.1260, 0.2691, 0.3289
Android (android.graphics.Color)	4288273628 (0xFF99DCDC)
YUV	199.9670, 9.8763, -41.1901
Hunter-Lab	79.4519, -23.0054, -1.9727

Details

The Hex color **99DCDC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DC9999**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D1FFFF**, and **63A5A5** is the 20% darker color. If you saturate the color by 10%, you get **83DCDC**, and if you desaturate by 10%, it is **AFDCDC**.

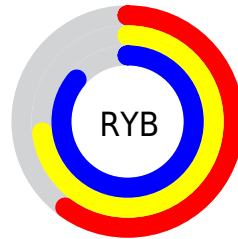
Distribution



Red (60%)

Green (86%)

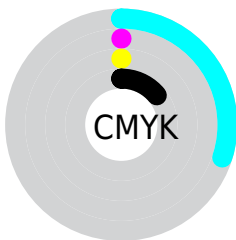
Blue (86%)



Red (60%)

Yellow (73%)

Blue (86%)

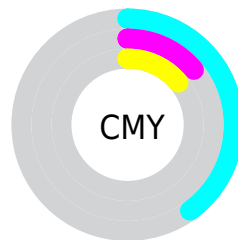


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (40%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

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

 99DCDC

FFFFFF

 D1FFFF

 EEEFFF

 99DCDC

 7EC0C0

 63A5A5

 488A8B

 2D7171

 0B5859

 004042

 002A2C

 001517

 000000

■ 99DCDC

■ 99DCDC

■ 83DCDC

■ AFDCDC

■ 6DDCDC

■ C5DCDC

■ 57DCDC

■ DBDCDC

■ 41DCDC

■ F1DCDC

■ 2BDCDC

■ FFDCDC

■ 15DCDC

■ 00DCDC

Harmonies

Analogous

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



A6DCC7



99DCDC



9CDAEE

Triad

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



99DCDC



E3C7EC



E8CCA8

Complementary

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



99DCDC



DC9999

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.



F7C6B2



99DCDC



F5C2D9

Square

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



99DCDC



C9CEF7



FBC2C4



D3D3A9

Rectangle

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



99DCDC



A7D6F6



FBC2C4



EECAAA

Sweetspot

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



99DCDC



E8FFFF



99DC99



718080



000000



808080

Same Dimension

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



99DCDC



A1FFFF



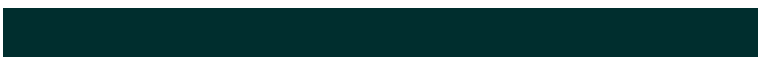
99BBDC



636E6E



00ADAD



002E2E

Inverse Universe

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



DC99DC



FFA1FF



DCBB99



6E636E



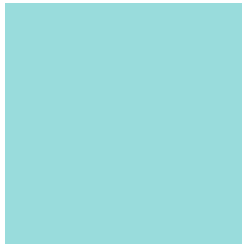
AD00AD



2E002E

Previews

White Background



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

Color Contrast Check

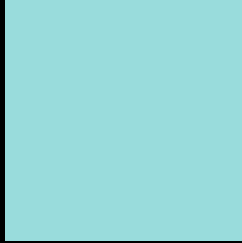
Large Text (above 18pt) WCAG AA × Fail

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 99DCDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

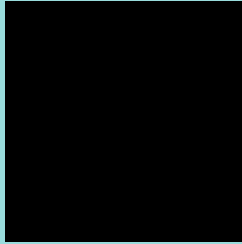
Any Text WCAG AA ✓ Pass

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 99DCDC Background



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

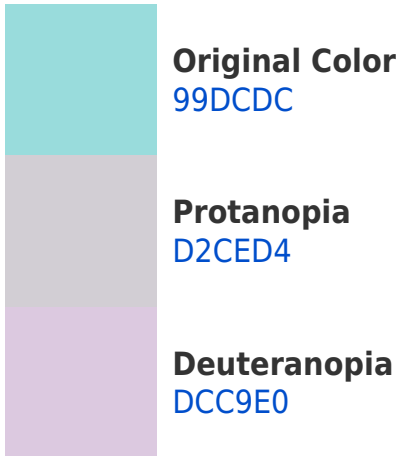


This preview shows how white text looks on a background with the Hex color 99DCDC.

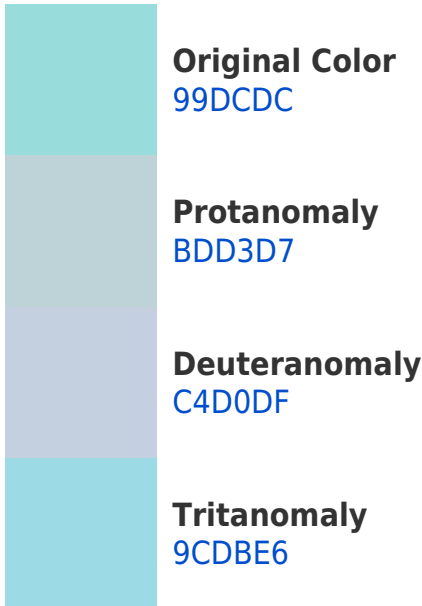
Color Blindness Simulation

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](#).

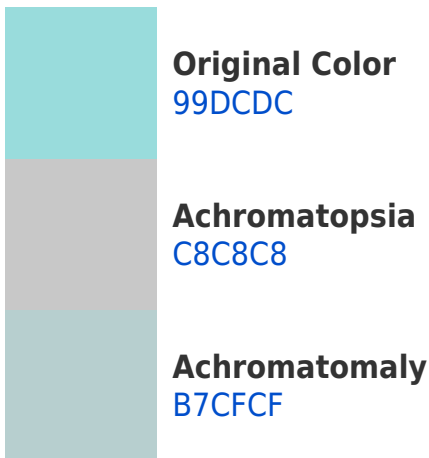
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #99DCDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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