

Converting Colors

Hex(94DCCD)

Have a look what the booklet for
Hex(94DCCD) contains.

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Color

Hex(94DCCD)

Conversions

Conversions Part 1

Format	Color
Hex	94DCCD
RGB	148, 220, 205
RGB Percent	58%, 86%, 80%
CMY	0.4196, 0.1373, 0.1961
CMYK	0.33, 0.00, 0.07, 0.14
HSL	168°, 51%, 72%
HSV	168°, 33%, 86%
XYZ	48.8254, 61.8901, 67.1302
YIQ	196.7620, -38.0970, -19.9290

Conversions

Conversions Part 2

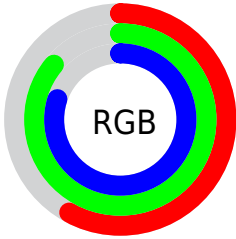
Format	Color
RYB	148, 188, 220
Decimal	9755853
CIELab	82.85, -25.66, 0.22
CIELCh	83, 25.658, 179.514
Yxy	61.8901, 0.2745, 0.3480
Android (android.graphics.Color)	4287945933 (0xFF94DCCD)
YUV	196.7620, 4.0613, -42.7643
Hunter-Lab	78.6702, -26.8899, 4.4763

Details

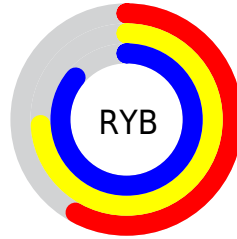
The Hex color **94DCCD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DC94A3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CCFFFF**, and **5EA597** is the 20% darker color. If you saturate the color by 10%, you get **7EDCC8**, and if you desaturate by 10%, it is **AADCDC2**.

Distribution



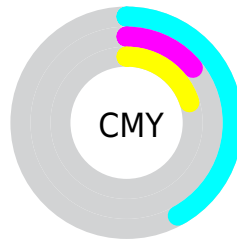
- Red (58%)
- Green (86%)
- Blue (80%)



- Red (58%)
- Yellow (74%)
- Blue (86%)



- Cyan (33%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (42%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94DCCD 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 94DCCD by changing the saturation by 10% instead.

■ 94DCCD

FFFFFF

■ CCFFFF

■ E9FFFF

■ 94DCCD

■ 79C0B2

■ 5EA597

■ 438A7D

■ 287064

■ 02584C

■ 004036

■ 002920

■ 001209

■ 000000

 94DCCD

 94DCCD

 7EDCC8

 AADCD2

 68DCC4

 C0DCD6

 52DCBF

 D6DCDB

 3CDCBB

 ECDCDF

 26DCB6

 FFDCE4

 10DCB2

 FFDCE8

 00DCAE

 FFDCE0

 FFDCE4

 FFDCE8

Harmonies

Analogous

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



ABD9B5



94DCCD



8ADBE5

Triad

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



94DCCD



D2C8F8



F5C5A6

Complementary

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



94DCCD



DC94A3

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.



FFBFB8



94DCCD



EDC1E7

Square

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



94DCCD



B1D1FE



FDBDD0



E1CD9E

Rectangle

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



94DCCD



8FD9F2



FDBDD0



FAC2AB

Sweetspot

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



94DCCD



E6FFFA



A4DC94



70807C



000000



808080

Same Dimension

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



94DCCD



9CFFEA



94C8DC



636E6B



00AD89



002E24

Inverse Universe

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



DC94A3



FF9CB0



DCA894



6E6365



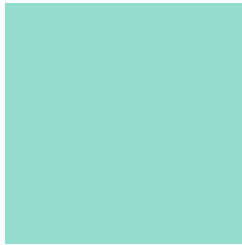
AD0024



2E000A

Previews

White Background



This preview shows how the Hex color 94DCCD looks on a white background.

Color Contrast Check

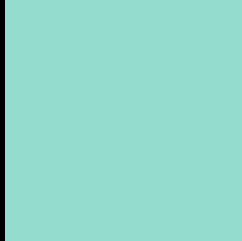
Large Text (above 18pt) WCAG AA × Fail

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 94DCCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

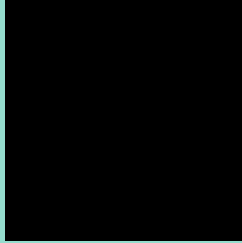
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

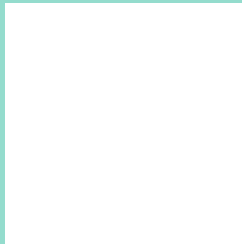
Any Text WCAG AAA ✓ Pass

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

Hex 94DCCD Background



This preview shows how black text looks on a background with the Hex color 94DCCD.

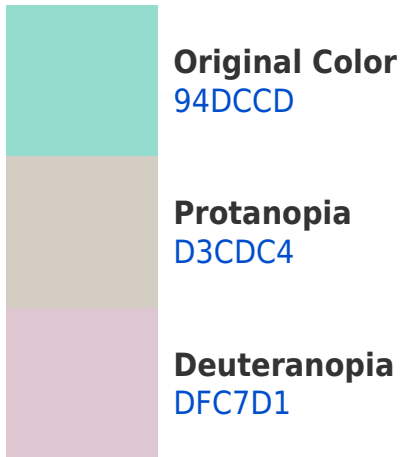


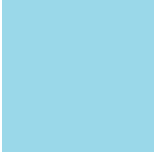
This preview shows how white text looks on a background with the Hex color 94DCCD.

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
9AD8E9

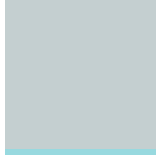
Trichromacy



Original Color
94DCCD



Protanomaly
BCD2C7



Deuteranomaly
C4CFD0

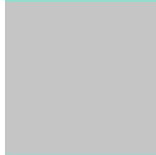


Tritanomaly
98D9DF

Monochromacy



Original Color
94DCCD



Achromatopsia
C5C5C5



Achromatomaly
B3CDC8

CSS Examples

Text

The CSS property to change the color of the text to Hex 94DCCD 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 #94DCCD looks like.

```
.text, #text, p{  
    color:#94DCCD  
}
```

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 #94DCCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94DCCD
}
```

Border

The CSS property to change the border of an element to Hex 94DCCD 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
#94DCCD }
```

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

```
.border{ border-color:#94DCCD }
```

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

Here you see how a box with a 4 pixel #94DCCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94DCCD; -webkit-box-shadow:4px 4px  
4px 4px #94DCCD; box-shadow:4px 4px 4px  
4px #94DCCD }
```

Background

The CSS property to change the background color of an element to Hex 94DCCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94DCCD }
```

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

```
.background{ background-color:#94DCCD }
```

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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