

Converting Colors

Hex(9DDFCF)

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

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Color

Hex(9DDFCF)

Conversions

Conversions Part 1

Format	Color
Hex	9DDFCF
RGB	157, 223, 207
RGB Percent	62%, 87%, 81%
CMY	0.3843, 0.1255, 0.1882
CMYK	0.30, 0.00, 0.07, 0.13
HSL	165°, 51%, 75%
HSV	165°, 30%, 87%
XYZ	51.5548, 64.4484, 68.7541
YIQ	201.4420, -34.2000, -18.9680

Conversions

Conversions Part 2

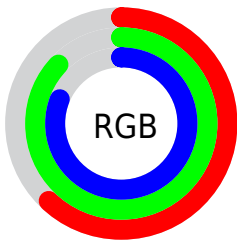
Format	Color
RYB	157, 195, 223
Decimal	10346447
CIELab	84.20, -24.12, 1.17
CIELCh	84, 24.151, 177.217
Yxy	64.4484, 0.2790, 0.3488
Android (android.graphics.Color)	4288536527 (0xFF9DDFCF)
YUV	201.4420, 2.7401, -38.9756
Hunter-Lab	80.2798, -25.8589, 5.4181

Details

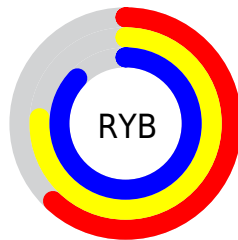
The Hex color **9DDFCF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DF9DAD**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D5FFFF**, and **67A899** is the 20% darker color. If you saturate the color by 10%, you get **87DFCA**, and if you desaturate by 10%, it is **B3DFD4**.

Distribution



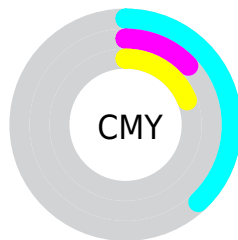
- Red (62%)
- Green (87%)
- Blue (81%)



- Red (62%)
- Yellow (76%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 9DDFCF

 9DDFCF

FFFFFF

 82C3B3


 D5FFFF

 67A899

 F2FFFF

 4D8D7F

 337366

 165A4E

 004337

 002C22

 00180C

 000000

 9DDFCF

 9DDFCF

 87DFCA

 B3DFD4

 70DFC4

 CADFDA

 5ADFBF


 E0DFDF

 44DFB9


 F6DFE5

 2EDFB4

 FFDFEA

 17DFAF

 FFDFEF

 01DFA9

 FFDFF5

 00DFA9

 FFDFFA

 FFDFFF

Harmonies

Analogous

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



B3DCB9



9DDFCF



93DFE6

Triad

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



9DDFCF



D3CDFA



F8C8AD

Complementary

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



9DDFCF



DF9DAD

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.



FFC3BE



9DDFCF



EEC6EB

Square

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



9DDFCF



B5D5FF



FEC2D5



E6D0A5

Rectangle

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



9DDFCF



97DDF3



FEC2D5



FCC6B2

Sweetspot

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



9DDFCF



E8FFF9



AEDF9D



71807C



000000



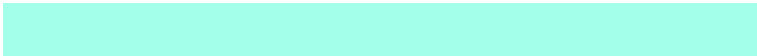
808080

Same Dimension

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



9DDFCF



A3FFE9



9DCDFD



65706D



00B085



003025

Inverse Universe

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



DF9DAD



FFA3B9



DFAE9D



706568



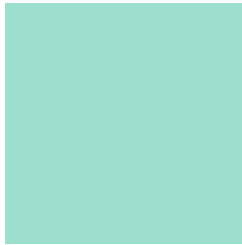
B0002B



30000C

Previews

White Background



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

Color Contrast Check

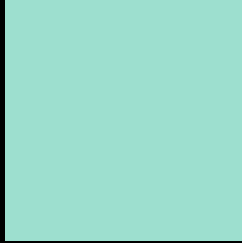
Large Text (above 18pt) WCAG AA × Fail

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 9DDFCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

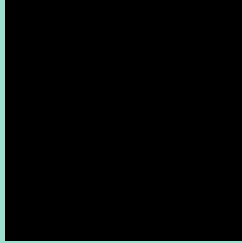
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

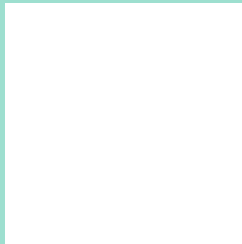
Any Text WCAG AAA ✓ Pass

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

Hex 9DDFCF Background



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

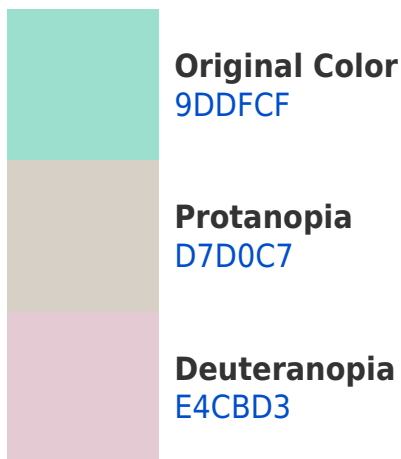


This preview shows how white text looks on a background with the Hex color 9DDFCF.

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



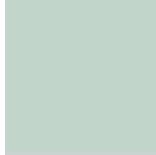


Tritanopia
A3DBEC

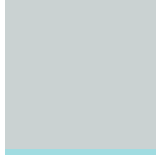
Trichromacy



Original Color
9DDFCF



Protanomaly
C2D5CA



Deuteranomaly
CAD2D2

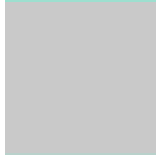


Tritanomaly
A1DCE1

Monochromacy



Original Color
9DDFCF



Achromatopsia
C9C9C9



Achromatomaly
B9D1CB

CSS Examples

Text

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

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

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 #9DDFCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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