

Converting Colors

Hex(9CDDF1)

Have a look what the booklet for
Hex(9CDDF1) contains.

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Color

Hex(9CDDF1)

Conversions

Conversions Part 1

Format	Color
Hex	9CDDF1
RGB	156, 221, 241
RGB Percent	61%, 87%, 95%
CMY	0.3882, 0.1333, 0.0549
CMYK	0.35, 0.08, 0.00, 0.05
HSL	194°, 75%, 78%
HSV	194°, 35%, 95%
XYZ	55.4439, 65.1317, 92.8686
YIQ	203.8450, -45.1600, -7.5600

Conversions

Conversions Part 2

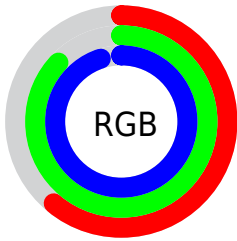
Format	Color
RYB	156, 193, 241
Decimal	10280433
CIELab	84.55, -15.64, -16.31
CIELCh	85, 22.592, 226.198
Yxy	65.1317, 0.2598, 0.3051
Android (android.graphics.Color)	4288470513 (0xFF9CDDF1)
YUV	203.8450, 18.3174, -41.9601
Hunter-Lab	80.7042, -18.6025, -11.7337

Details

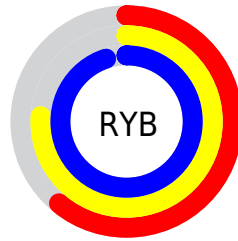
The Hex color **9CDDF1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F1B09C**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D5FFFF**, and **65A6B9** is the 20% darker color. If you saturate the color by 10%, you get **84D7F1**, and if you desaturate by 10%, it is **B4E3F1**.

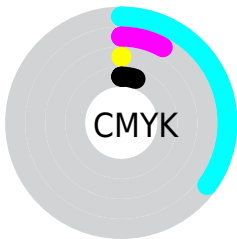
Distribution



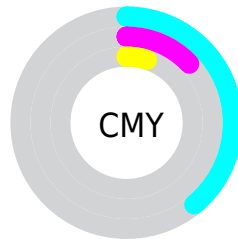
- Red (61%)
- Green (87%)
- Blue (95%)



- Red (61%)
- Yellow (76%)
- Blue (95%)



- Cyan (35%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CDDF1 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 9CDDF1 by changing the saturation by 10% instead.

 9CDDF1

 9CDDF1

FFFFFF

 80C1D5

 D5FFFF

 65A6B9

 F2FFFF

 498B9E

 2D7284

 05596B

 004252

 002B3B

 001826

 000110

 9CDDF1

 9CDDF1

 84D7F1

 B4E3F1

 6CD2F1

 CCE8F1

 54CCF1

 E4EEF1

 3CC6F1

 FCF4F1

 24C1F1

 FFF9F1

 0BBBF1

 FFFFF1

 00B8F1

Harmonies

Analogous

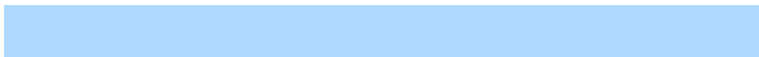
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ADFDE



9CDDF1



AED8FC

Triad

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



9CDDF1



F8C5DE



D7D5AA

Complementary

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



9CDDF1



F1B09C

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.



EDCEAA



9CDDF1



FFC4C8

Square

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



9CDDF1



E5CAF1



FBC8B5



BFDBB5

Rectangle

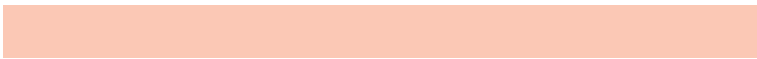
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9CDDF1



C0D3FD



FBC8B5



DFD3A9

Sweetspot

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



9CDDF1



E3F8FF



9CF1B0



6F7C80



000000



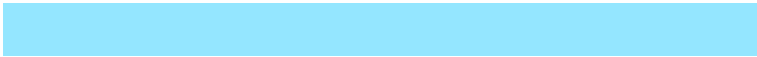
808080

Same Dimension

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



9CDDF1



94E6FF



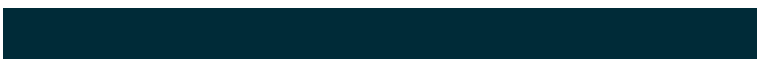
9CB3F1



6C7578



008CB8



002B38

Inverse Universe

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



F19CDD



FF94E6



F1DA9C



786C75



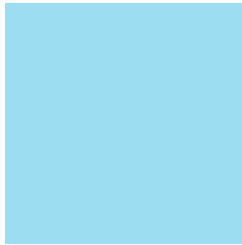
B8008C



38002B

Previews

White Background



This preview shows how the Hex color 9CDDF1 looks on a white background.

Color Contrast Check

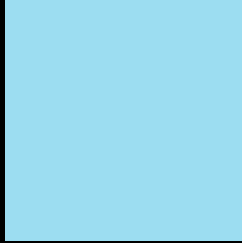
Large Text (above 18pt) WCAG AA × Fail

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 9CDDF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

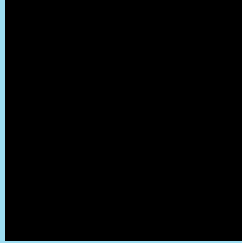
Any Text WCAG AA ✓ Pass

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 9CDDF1 Background



This preview shows how black text looks on a background with the Hex color 9CDDF1.

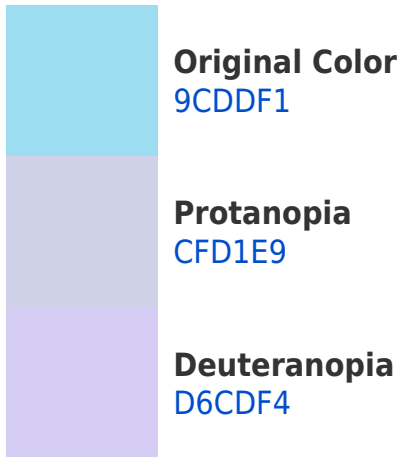


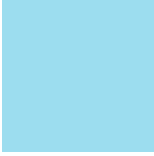
This preview shows how white text looks on a background with the Hex color 9CDDF1.

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](#).

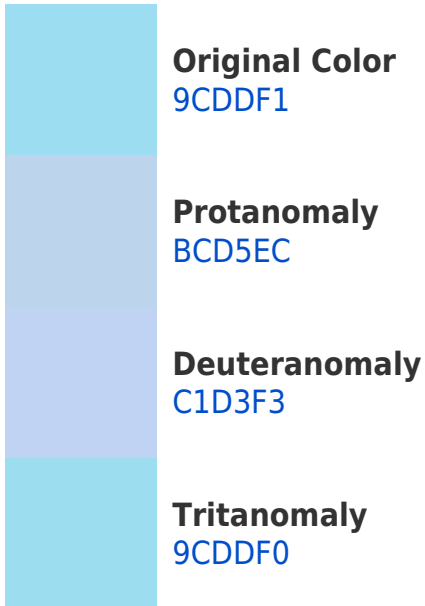
Dichromacy



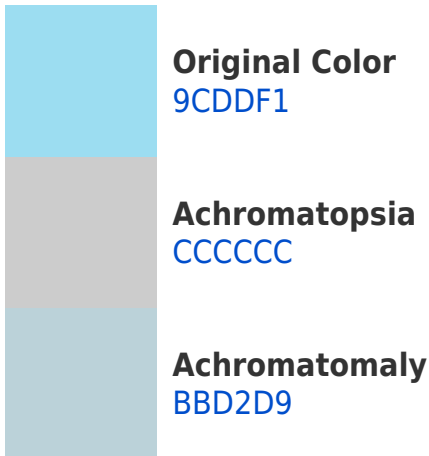


Tritanopia
9CDDEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CDDF1 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 #9CDDF1 looks like.

```
.text, #text, p{  
    color:#9CDDF1  
}
```

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 #9CDDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CDDF1  
}
```

Border

The CSS property to change the border of an element to Hex 9CDDF1 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  
#9CDDF1 }
```

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

```
.border{ border-color:#9CDDF1 }
```

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

Here you see how a box with a 4 pixel #9CDDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CDDF1; -webkit-box-shadow:4px 4px  
4px 4px #9CDDF1; box-shadow:4px 4px 4px  
4px #9CDDF1 }
```

Background

The CSS property to change the background color of an element to Hex 9CDDF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CDDF1 }
```

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

```
.background{ background-color:#9CDDF1 }
```

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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