

# Converting Colors

Hex(91F8DD)

Have a look what the booklet for  
Hex(91F8DD) contains.

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# **Color**

**Hex(91F8DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91F8DD
RGB	145, 248, 221
RGB Percent	57%, 97%, 87%
CMY	0.4314, 0.0275, 0.1333
CMYK	0.42, 0.00, 0.11, 0.03
HSL	164°, 88%, 77%
HSV	164°, 42%, 97%
XYZ	58.2956, 78.3750, 80.4620
YIQ	214.1250, -52.7210, -30.2330

# Conversions

## Conversions Part 2

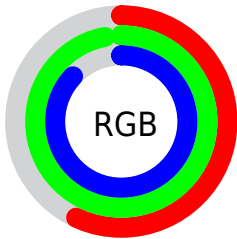
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 204, 248
Decimal	9566429
CIELab	90.95, -36.18, 3.58
CIELCh	91, 36.354, 174.348
Yxy	78.3750, 0.2685, 0.3610
Android (android.graphics.Color)	4287756509 (0xFF91F8DD)
YUV	214.1250, 3.3894, -60.6226
Hunter-Lab	88.5297, -37.3870, 8.0838

# Details

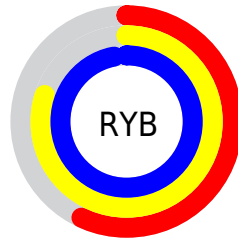
The Hex color **91F8DD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F891AC**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **CBFFFF**, and **58BFA6** is the 20% darker color. If you saturate the color by 10%, you get **78F8D6**, and if you desaturate by 10%, it is **AAF8E4**.

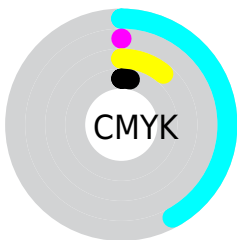
# Distribution



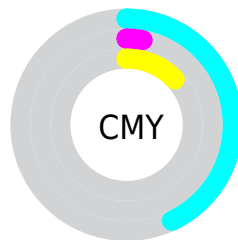
- Red (57%)
- Green (97%)
- Blue (87%)



- Red (57%)
- Yellow (80%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)



- Cyan (43%)
- Magenta (3%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91F8DD 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 91F8DD by changing the saturation by 10% instead.



 91F8DD

 91F8DD

FFFFFF

 74DBC1

 CBFFFF

 58BFA6

 E8FFFF

 39A48C

 118972

 006F5A

 005642

 003E2C

 002818

 000700

 91F8DD

 91F8DD

 78F8D6

 AAF8E4

 5FF8D0

 C3F8EA

 47F8C9

 DBF8F1

 2EF8C3

 F4F8F7

 15F8BC

 FFF8FE

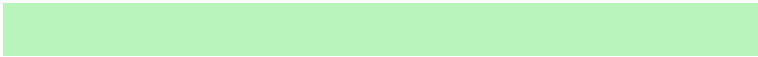
 00F8B7

 FFF8FF

# Harmonies

## Analogous

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



B8F4BB



91F8DD



78F8FF

# Triad

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



91F8DD



E1DEFF



FFD5AE

# Complementary

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



91F8DD



F891AC

# 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.



FFCDCA



91F8DD



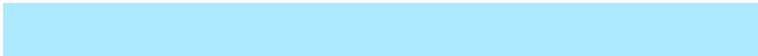
FFD3FF

# Square

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



91F8DD



AEEAFF



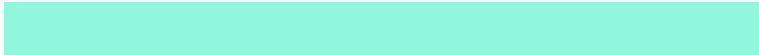
FFCCED



FFE1A0

# Rectangle

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



91F8DD



7BF5FF



FFCCED



FFD2B6

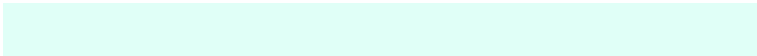


# Sweetspot

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



91F8DD



E0FFF7



ACF891



6E807B



000000



808080

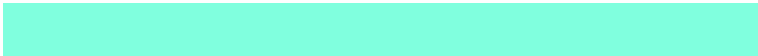


# Same Dimension

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



91F8DD



80FFDE



91E0F8



707D7A



00BD8B



003D2D



# Inverse Universe

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



F891AC



FF80A1



F8A991



7D7074



BD0031

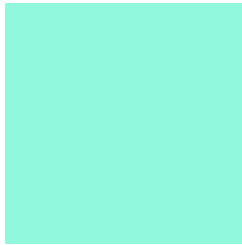


3D0010



# Previews

## White Background



This preview shows how the Hex color 91F8DD looks on a white background.

## Color Contrast Check

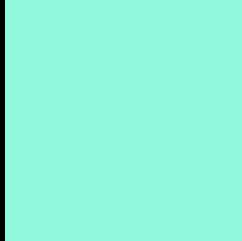
Large Text (above 18pt) WCAG AA × Fail

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 91F8DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

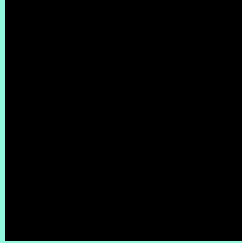
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91F8DD Background



This preview shows how black text looks on a background with the Hex color 91F8DD.

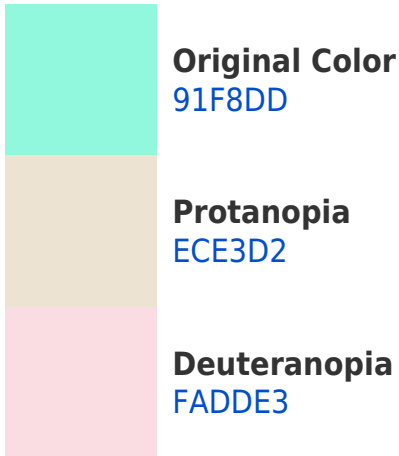


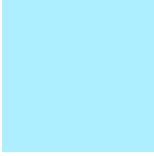
This preview shows how white text looks on a background with the Hex color 91F8DD.

# 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



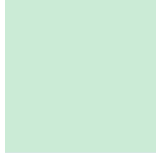


**Tritanopia**  
AEEFFF

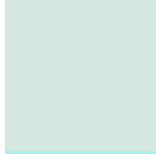
# Trichromacy



**Original Color**  
91F8DD



**Protanomaly**  
CBEBD6

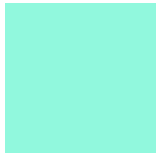


**Deuteranomaly**  
D4E7E1

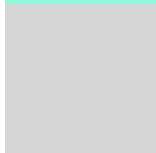


**Tritanomaly**  
A3F2F3

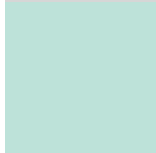
# Monochromacy



**Original Color**  
91F8DD



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
BDE2D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91F8DD 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 #91F8DD looks like.

```
.text, #text, p{  
    color:#91F8DD  
}
```

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 #91F8DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91F8DD
}
```

## Border

The CSS property to change the border of an element to Hex 91F8DD 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
#91F8DD }
```

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

```
.border{ border-color:#91F8DD }
```

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

Here you see how a box with a 4 pixel #91F8DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91F8DD; -webkit-box-shadow:4px 4px  
4px 4px #91F8DD; box-shadow:4px 4px 4px  
4px #91F8DD }
```

# Background

The CSS property to change the background color of an element to Hex 91F8DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91F8DD }
```

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

```
.background{ background-color:#91F8DD }
```

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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