

Converting Colors

Hex(91FFDB)

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

Hex(91FFDB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(91FFDB)

Conversions

Conversions Part 1

Format	Color
Hex	91FFDB
RGB	145, 255, 219
RGB Percent	57%, 100%, 86%
CMY	0.4314, 0.0000, 0.1412
CMYK	0.43, 0.00, 0.14, 0.00
HSL	160°, 100%, 78%
HSV	160°, 43%, 100%
XYZ	60.2232, 82.6542, 79.7976
YIQ	218.0060, -54.0040, -34.5160

Conversions

Conversions Part 2

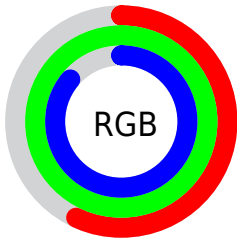
Format	Color
RYB	145, 211, 255
Decimal	9568219
CIELab	92.86, -39.79, 7.38
CIELCh	93, 40.465, 169.497
Yxy	82.6542, 0.2705, 0.3712
Android (android.graphics.Color)	4287758299 (0xFF91FFDB)
YUV	218.0060, 0.4900, -64.0263
Hunter-Lab	90.9144, -40.8587, 11.5999

Details

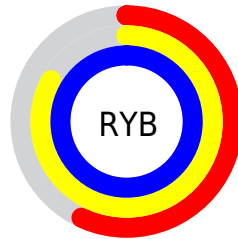
The Hex color **91FFDB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF91B5**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **CBFFFF**, and **57C6A4** is the 20% darker color. If you saturate the color by 10%, you get **78FFD3**, and if you desaturate by 10%, it is **ABFFE3**.

Distribution



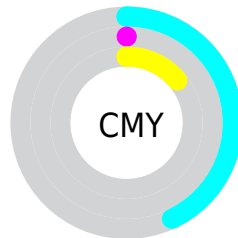
- Red (57%)
- Green (100%)
- Blue (86%)



- Red (57%)
- Yellow (83%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 91FFDB

 91FFDB

FFFFFF

 74E2BF

 CBFFFF

 57C6A4

 E9FFFF

 38AA8A

 0A8F70

 007558

 005C41

 00432B

 002C16

 001200

 91FFDB

 91FFDB

 78FFD3

 ABFFE3

 5EFFCA

 C4FFEC

 44FFC2

 DEFFF4

 2BFFBA

 F7FFFC

 11FFB1

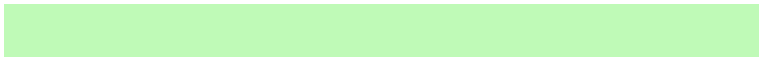
FFFFFF

 00FFAC

Harmonies

Analogous

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



BFFAB7



91FFDB



6CFFFF

Triad

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



91FFDB



DDE5FF



FFD6B1

Complementary

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



91FFDB



FF91B5

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.



FFCED2



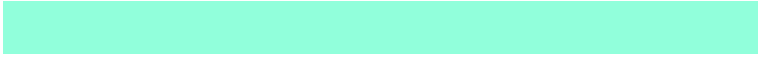
91FFDB



FFD8FF

Square

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



91FFDB



A1F2FF



FFCFFA



FFE39E

Rectangle

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



91FFDB



69DFFF



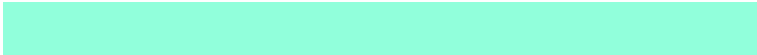
FFCFFA



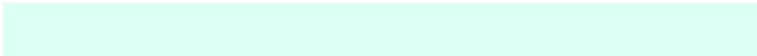
FFD3BB

Sweetspot

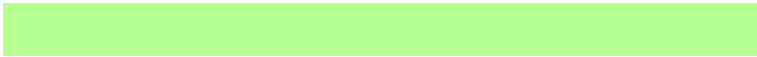
The Sweet Spot groups the original color and five complimentary colors.



91FFDB



DEFFF4



B6FF91



6B8079



000000



808080

Same Dimension

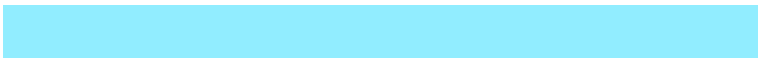
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91FFDB



7AFFD4



91EDFF



73807B



00BF81



00402B

Inverse Universe

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



FF91B5



FF7AA6



FFA391



807377



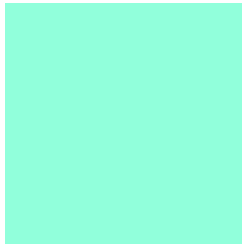
BF003F



400015

Previews

White Background



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

Color Contrast Check

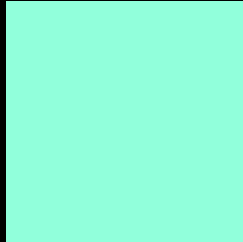
Large Text (above 18pt) WCAG AA × Fail

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 91FFDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

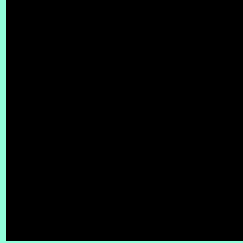
Any Text WCAG AA ✓ Pass

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 91FFDB Background



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

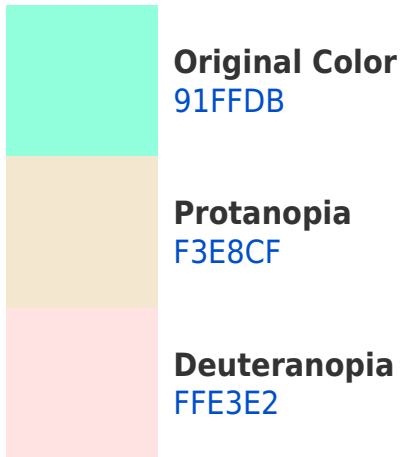


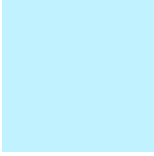
This preview shows how white text looks on a background with the Hex color 91FFDB.

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
C0F2FF

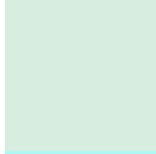
Trichromacy



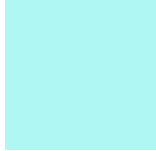
Original Color
91FFDB



Protanomaly
CFF0D3

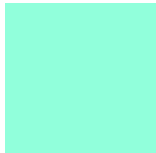


Deuteranomaly
D7EDDF

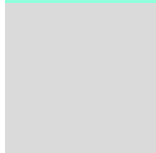


Tritanomaly
AFF7F2

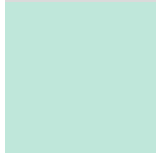
Monochromacy



Original Color
91FFDB



Achromatopsia
DADADA



Achromatomaly
BFE7DA

CSS Examples

Text

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

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

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 #91FFDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor