

# Converting Colors

Hex(91DDB0)

Have a look what the booklet for  
Hex(91DDB0) contains.

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# **Color**

**Hex(91DDB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91DDB0
RGB	145, 221, 176
RGB Percent	57%, 87%, 69%
CMY	0.4314, 0.1333, 0.3098
CMYK	0.34, 0.00, 0.20, 0.13
HSL	144°, 53%, 72%
HSV	144°, 34%, 87%
XYZ	45.3700, 60.8672, 50.4316
YIQ	193.1460, -30.8510, -30.1070

# Conversions

## Conversions Part 2

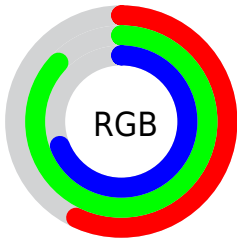
Format	Color
<a href="#">RYB</a>	<a href="#">145, 199, 221</a>
Decimal	<a href="#">9559472</a>
CIELab	<a href="#">82.31, -32.98, 14.75</a>
CIElCh	<a href="#">82, 36.125, 155.897</a>
Yxy	<a href="#">60.8672, 0.2896, 0.3885</a>
Android (android.graphics.Color)	<a href="#">4287749552</a> ( <a href="#">0xFF91DDB0</a> )
YUV	<a href="#">193.1460, -8.4530, -42.2240</a>
Hunter-Lab	<a href="#">78.0175, -32.7263, 16.2863</a>

# Details

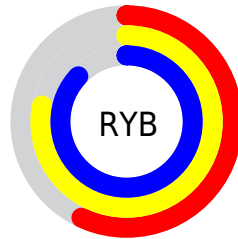
The Hex color **91DDB0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DD91BE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C9FFE8**, and **5BA57B** is the 20% darker color. If you saturate the color by 10%, you get **7BDDA3**, and if you desaturate by 10%, it is **A7DDBD**.

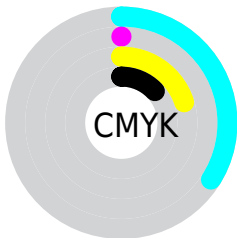
# Distribution



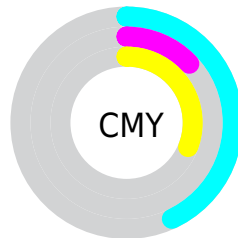
- Red (57%)
- Green (87%)
- Blue (69%)



- Red (57%)
- Yellow (78%)
- Blue (87%)



- Cyan (34%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (43%)
- Magenta (13%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91DDB0 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 91DDB0 by changing the saturation by 10% instead.



 91DDB0

FFFFFF

 C9FFE8

 E6FFFF

 91DDB0

 76C195

 5BA57B

 418B62

 25714A

 005834

 00401E

 002A07

 000F00

 000000

 91DDB0

 91DDB0

 7BDDA3

 A7DDBD

 65DD96

 BDDCA

 4FDD89

 D3DDD7

 39DD7C

 E9DDE4

 22DD6F

 FFDDF1

 0CDD61

 FFDDFF

 00DD5A

# Harmonies

## Analogous

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



B9D795



91DDB0



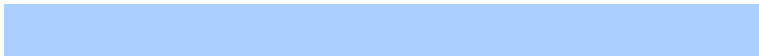
6CDFD3

# Triad

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



91DDB0



AACEFF



FFB7A7

# Complementary

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



91DDB0



DD91BE

# 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.



FFB3C7



91DDB0



DAC2FF

# Square

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



91DDB0



78D8FF



FEB7E9



FCC190

# Rectangle

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



91DDB0



5DDFE9



FEB7E9



FFB5B1

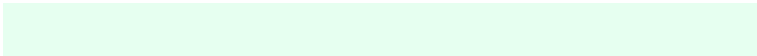


# Sweetspot

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



91DDB0



E6FFF0



BFDD91



708076



000000



808080



# Same Dimension

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



91DDB0



96FFC1



91DDD5



636E67



00AD47



002E13



# Inverse Universe

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



DD91BE



FF96D4



DD9199



6E6369



AD0067

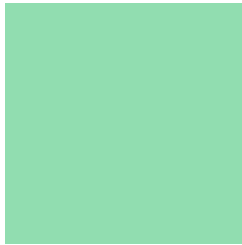


2E001B



# Previews

## White Background



This preview shows how the Hex color 91DDB0 looks on a white background.

## Color Contrast Check

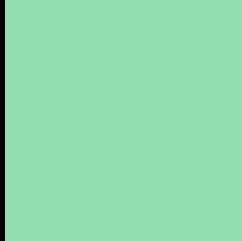
Large Text (above 18pt) WCAG AA × Fail

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 91DDB0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

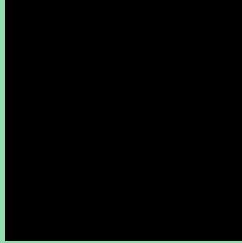
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91DDB0 Background



This preview shows how black text looks on a background with the Hex color 91DDB0.

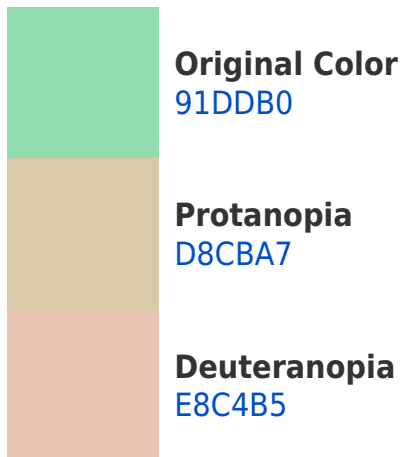


This preview shows how white text looks on a background with the Hex color 91DDB0.

# 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



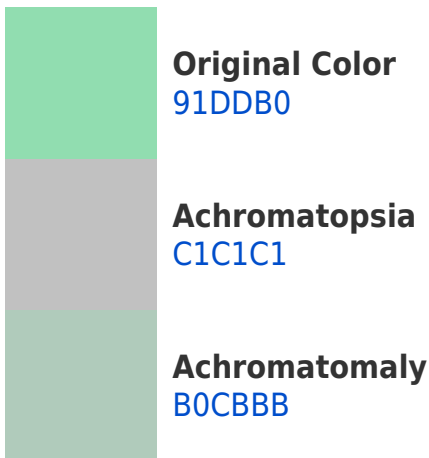


**Tritanopia**  
9DD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91DDB0 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 #91DDB0 looks like.

```
.text, #text, p{  
    color:#91DDB0  
}
```

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 #91DDB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91DDB0
}
```

## Border

The CSS property to change the border of an element to Hex 91DDB0 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
#91DDB0 }
```

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

```
.border{ border-color:#91DDB0 }
```

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

Here you see how a box with a 4 pixel #91DDB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91DDB0; -webkit-box-shadow:4px 4px  
4px 4px #91DDB0; box-shadow:4px 4px 4px  
4px #91DDB0 }
```

# Background

The CSS property to change the background color of an element to Hex 91DDB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91DDB0 }
```

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

```
.background{ background-color:#91DDB0 }
```

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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