

# Converting Colors

Hex(9DDBEA)

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

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# **Color**

**Hex(9DDBEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DDBEA
RGB	157, 219, 234
RGB Percent	62%, 86%, 92%
CMY	0.3843, 0.1412, 0.0824
CMYK	0.33, 0.06, 0.00, 0.08
HSL	192°, 65%, 77%
HSV	192°, 33%, 92%
XYZ	54.0874, 63.7716, 87.3004
YIQ	202.1720, -41.7670, -8.4790

# Conversions

## Conversions Part 2

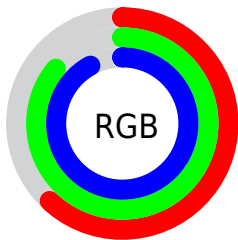
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	157, 191, 234
Decimal	10345450
CIE <sub>Lab</sub>	83.85, -16.03, -13.65
CIE <sub>LCh</sub>	84, 21.059, 220.411
Yxy	63.7716, 0.2636, 0.3108
Android (android.graphics.Color)	4288535530 (0xFF9DDBEA)
YUV	202.1720, 15.6912, -39.6158
Hunter-Lab	79.8572, -18.8516, -8.9162

# Details

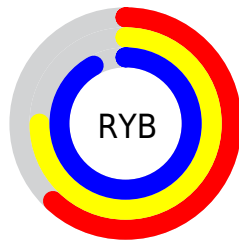
The Hex color **9DDBEA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EAAC9D**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D6FFFF**, and **66A4B2** is the 20% darker color. If you saturate the color by 10%, you get **86D6EA**, and if you desaturate by 10%, it is **B4E0EA**.

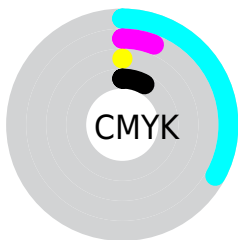
# Distribution



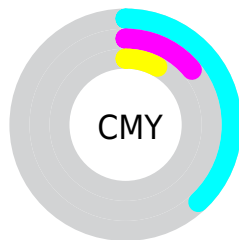
- Red (62%)
- Green (86%)
- Blue (92%)



- Red (62%)
- Yellow (75%)
- Blue (92%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (14%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 9DDBEA

 9DDBEA

FFFFFF

 82BFCE

 D6FFFF

 66A4B2

 F3FFFF

 4C8A98

 30707E

 0F5865

 00404D

 002A36

 001721

 000007

9DDBEA

9DDBEA

86D6EA

B4E0EA

6ED2EA

CCE4EA

57CDEA

E3E9EA

3FC9EA

FBEDEA

28C4EA

FFF2EA

11C0EA

FFF6EA

00BCEA

FFFBEA

FFFFEA

# Harmonies

## Analogous

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



9EDDD7



9DDBEA



ABD7F6

# Triad

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



9DDBEA



F1C5DF



D9D2AA

# Complementary

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



9DDBEA



EAAC9D

# 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.



ECCBAC



9DDBEA



FAC3CB

# Square

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



9DDBEA



DDCAEF



F8C6B8



C3D8B2

# Rectangle

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



9DDBEA



BBD3F8



F8C6B8



E0D0AA

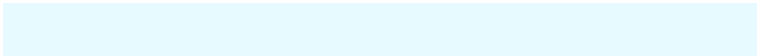


# Sweetspot

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



9DDBEA



E6FAFF



9DEAAB



707D80



000000



808080

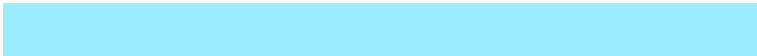


# Same Dimension

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



9DDBEA



9CECFE



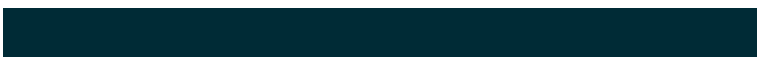
9DB5EA



6A7375



0092B5



002B36



# Inverse Universe

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



EA9DDB



FF9CEC



EAD29D



756A73



B50092

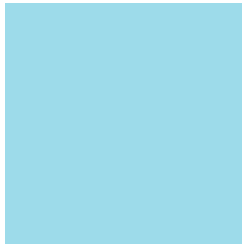


36002B



# Previews

## White Background



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

## Color Contrast Check

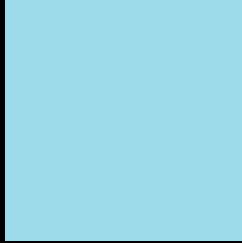
Large Text (above 18pt) WCAG AA × Fail

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 9DDBEA 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 9DDBEA Background



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

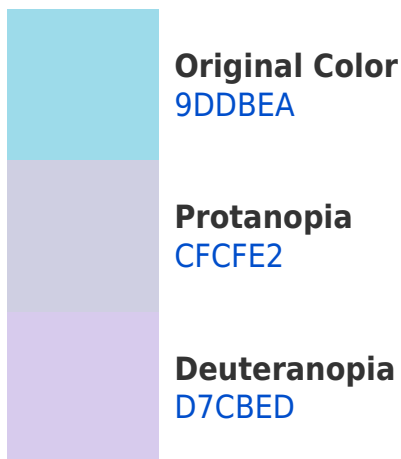


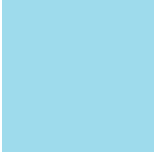
This preview shows how white text looks on a background with the Hex color 9DDBEA.

# 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](#).

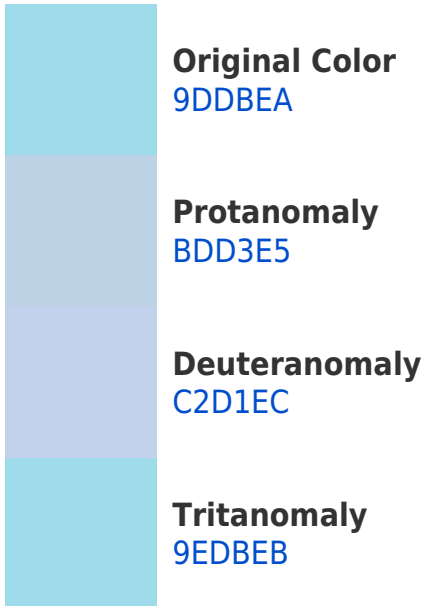
## Dichromacy



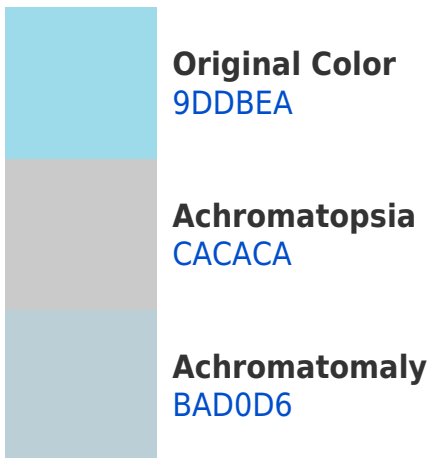


**Tritanopia**  
9EDBEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9DDBEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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