

# Converting Colors

Hex(9DD9EB)

Have a look what the booklet for  
Hex(9DD9EB) contains.

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# **Color**

**Hex(9DD9EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DD9EB
RGB	157, 217, 235
RGB Percent	62%, 85%, 92%
CMY	0.3843, 0.1490, 0.0784
CMYK	0.33, 0.08, 0.00, 0.08
HSL	194°, 66%, 77%
HSV	194°, 33%, 92%
XYZ	53.7129, 62.7920, 87.8864
YIQ	201.1120, -41.5380, -7.1220

# Conversions

## Conversions Part 2

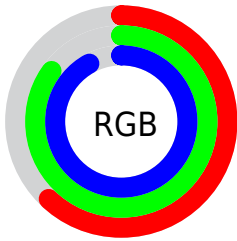
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 191, 235
Decimal	10344939
CIELab	83.33, -14.78, -14.95
CIElCh	83, 21.023, 225.336
Yxy	62.7920, 0.2628, 0.3072
Android (android.graphics.Color)	4288535019 (0xFF9DD9EB)
YUV	201.1120, 16.7068, -38.6862
Hunter-Lab	79.2414, -17.6782, -10.2894

# Details

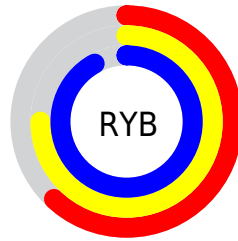
The Hex color **9DD9EB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBAF9D**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D6FFFF**, and **66A2B3** is the 20% darker color. If you saturate the color by 10%, you get **86D4EB**, and if you desaturate by 10%, it is **B5DEEB**.

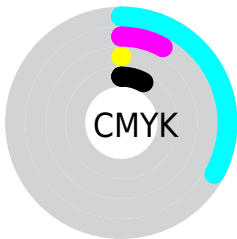
# Distribution



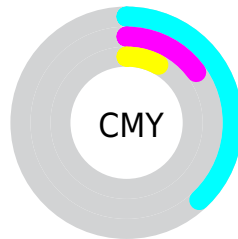
- Red (62%)
- Green (85%)
- Blue (92%)



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



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



- Cyan (38%)
- Magenta (15%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DD9EB 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 9DD9EB by changing the saturation by 10% instead.



9DD9EB

9DD9EB

FFFFFF

82BDCF

D6FFFF

66A2B3

F3FFFF

4C8898

306E7F

0F5665

003F4D

002837

001521

000008

9DD9EB

9DD9EB

86D4EB

B5DEEB

6ECEEB

CCE4EB

57C9EB

E4E9EB

3FC3EB

FBEFEB

28BEEB

FFF4EB

10B8EB

FFFAEB

00B5EB

FFFFEB

# Harmonies

## Analogous

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



9CDBD9



9DD9EB



ADD4F5

# Triad

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



9DD9EB



F2C3DA



D4D2A9

# Complementary

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



9DD9EB



EBAF9D

# 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.



E8CBAA



9DD9EB



F9C2C6

# Square

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



9DD9EB



DFC7EC



F5C5B4



BED7B3

# Rectangle

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



9DD9EB



BED0F7



F5C5B4



DBCFA8

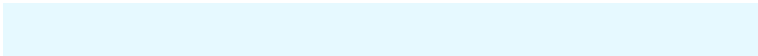


# Sweetspot

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



9DD9EB



E6F9FF



9DEBAE



707C80



000000



808080

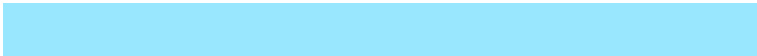


# Same Dimension

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



9DD9EB



99E7FF



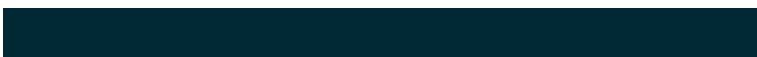
9DB3EB



6A7375



008BB5



002936



# Inverse Universe

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



EB9DD9



FF99E7



EBD59D



756A73



B5008B

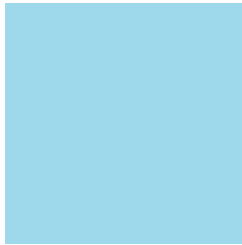


360029



# Previews

## White Background



This preview shows how the Hex color 9DD9EB looks on a white background.

## Color Contrast Check

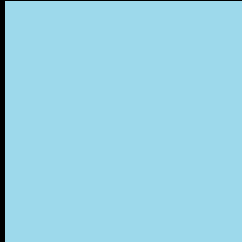
Large Text (above 18pt) WCAG AA × Fail

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 9DD9EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

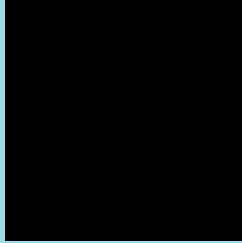
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DD9EB Background



This preview shows how black text looks on a background with the Hex color 9DD9EB.

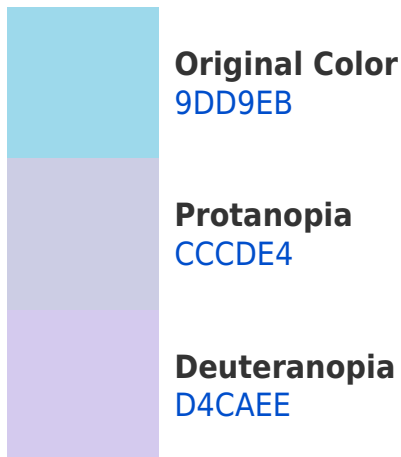


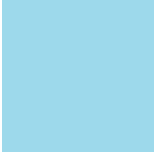
This preview shows how white text looks on a background with the Hex color 9DD9EB.

# 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](#).

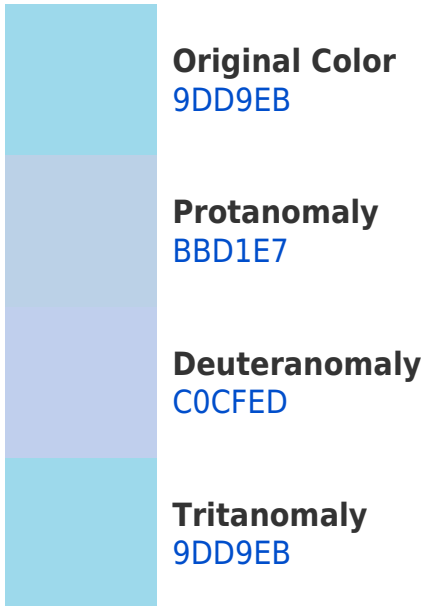
## Dichromacy



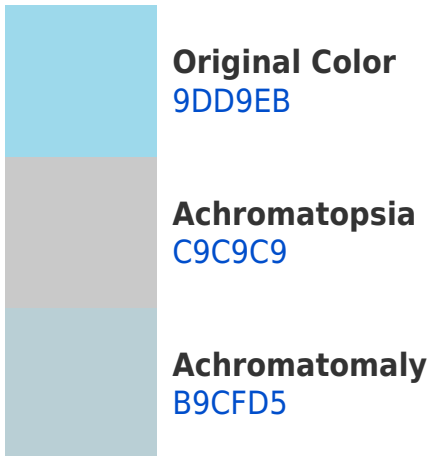


**Tritanopia**  
9DD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DD9EB 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 #9DD9EB looks like.

```
.text, #text, p{  
    color:#9DD9EB  
}
```

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 #9DD9EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD9EB
}
```

## Border

The CSS property to change the border of an element to Hex 9DD9EB 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
#9DD9EB }
```

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

```
.border{ border-color:#9DD9EB }
```

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

Here you see how a box with a 4 pixel #9DD9EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD9EB; -webkit-box-shadow:4px 4px  
4px 4px #9DD9EB; box-shadow:4px 4px 4px  
4px #9DD9EB }
```

# Background

The CSS property to change the background color of an element to Hex 9DD9EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD9EB }
```

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

```
.background{ background-color:#9DD9EB }
```

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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