

Converting Colors

Hex(9DD9EC)

Have a look what the booklet for
Hex(9DD9EC) contains.

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Color

Hex(9DD9EC)

Conversions

Conversions Part 1

Format	Color
Hex	9DD9EC
RGB	157, 217, 236
RGB Percent	62%, 85%, 93%
CMY	0.3843, 0.1490, 0.0745
CMYK	0.33, 0.08, 0.00, 0.07
HSL	194°, 68%, 77%
HSV	194°, 33%, 93%
XYZ	53.8578, 62.8499, 88.6495
YIQ	201.2260, -41.8590, -6.8110

Conversions

Conversions Part 2

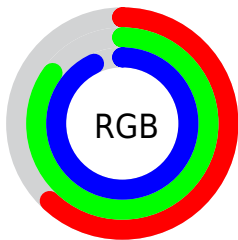
Format	Color
RYB	157, 191, 236
Decimal	10344940
CIELab	83.36, -14.54, -15.44
CIELCh	83, 21.206, 226.718
Yxy	62.8499, 0.2623, 0.3061
Android (android.graphics.Color)	4288535020 (0xFF9DD9EC)
YUV	201.2260, 17.1436, -38.7862
Hunter-Lab	79.2780, -17.4717, -10.8042

Details

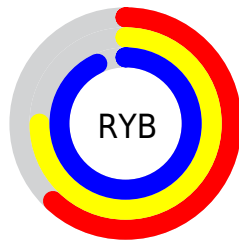
The Hex color **9DD9EC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **ECB09D**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D6FFFF**, and **66A2B4** is the 20% darker color. If you saturate the color by 10%, you get **85D3EC**, and if you desaturate by 10%, it is **B5DFEC**.

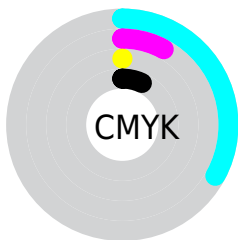
Distribution



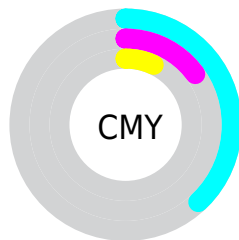
- Red (62%)
- Green (85%)
- Blue (93%)



- Red (62%)
- Yellow (75%)
- Blue (93%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD9EC 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 9DD9EC by changing the saturation by 10% instead.

 9DD9EC

 9DD9EC

FFFFFF

 81BDD0

 D6FFFF

 66A2B4

 F3FFFF

 4C8899

 306E7F

 0E5666

 003F4E

 002937

 001522

 00000A

 9DD9EC

 9DD9EC

 85D3EC

 B5DFEC

 6ECEEC

 CCE4EC

 56C8EC

 E4EAEC

 3FC2EC

 FBF0EC

 27BDEC

 FFF5EC

 0FB7EC

 FFFBEC

 00B3EC

 FFFFEC

Harmonies

Analogous

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



9BDBDA



9DD9EC



AED4F6

Triad

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



9DD9EC



F3C3D9



D3D2A9

Complementary

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



9DD9EC



ECB09D

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.



E8CBA9



9DD9EC



FAC2C5

Square

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



9DD9EC



E1C7EB



F5C5B3



BDD7B4

Rectangle

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



9DD9EC



BFD0F7



F5C5B3



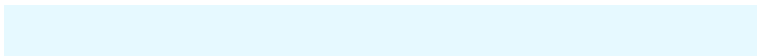
DBD0A8

Sweetspot

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



9DD9EC



E6F9FF



9DECAF



707C80



000000



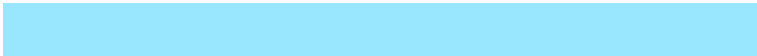
808080

Same Dimension

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



9DD9EC



99E6FF



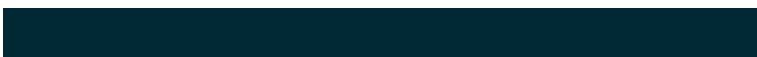
9DB2EC



6A7275



008AB5



002936

Inverse Universe

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



EC9DD9



FF99E6



ECD79D



756A72



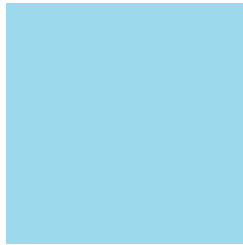
B5008A



360029

Previews

White Background



This preview shows how the Hex color 9DD9EC looks on a white background.

Color Contrast Check

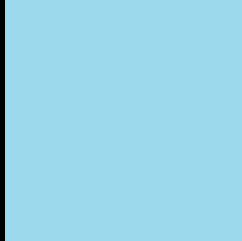
Large Text (above 18pt) WCAG AA × Fail

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 9DD9EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

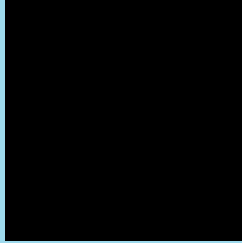
Any Text WCAG AA ✓ Pass

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 9DD9EC Background



This preview shows how black text looks on a background with the Hex color 9DD9EC.

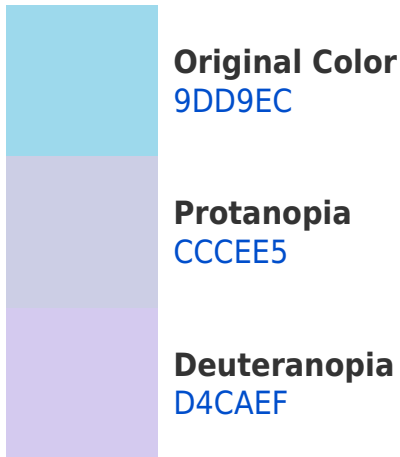


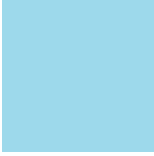
This preview shows how white text looks on a background with the Hex color 9DD9EC.

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](#).

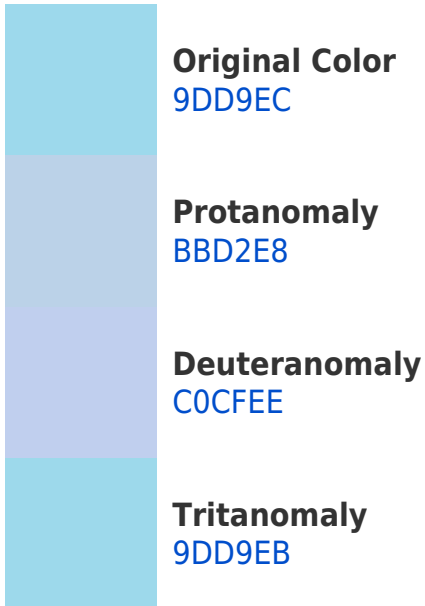
Dichromacy



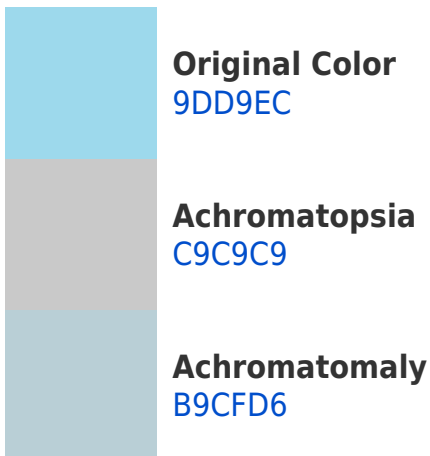


Tritanopia
9DD9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD9EC 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 #9DD9EC looks like.

```
.text, #text, p{  
    color:#9DD9EC  
}
```

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 #9DD9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD9EC
}
```

Border

The CSS property to change the border of an element to Hex 9DD9EC 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
#9DD9EC }
```

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

```
.border{ border-color:#9DD9EC }
```

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

Here you see how a box with a 4 pixel #9DD9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD9EC; -webkit-box-shadow:4px 4px  
4px 4px #9DD9EC; box-shadow:4px 4px 4px  
4px #9DD9EC }
```

Background

The CSS property to change the background color of an element to Hex 9DD9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD9EC }
```

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

```
.background{ background-color:#9DD9EC }
```

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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