

# Converting Colors

Hex(9DD7E4)

Have a look what the booklet for  
Hex(9DD7E4) contains.

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# **Color**

**Hex(9DD7E4)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9DD7E4                      |
| RGB         | 157, 215, 228               |
| RGB Percent | 62%, 84%, 89%               |
| CMY         | 0.3843, 0.1569, 0.1059      |
| CMYK        | 0.31, 0.06, 0.00, 0.11      |
| HSL         | 191°, 57%, 75%              |
| HSV         | 191°, 31%, 89%              |
| XYZ         | 52.2087, 61.3704, 82.4928   |
| YIQ         | 199.1400, -38.7410, -8.2530 |

# Conversions

## Conversions Part 2

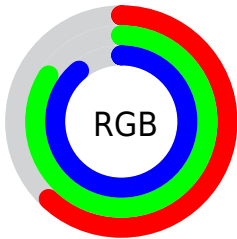
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">157, 189, 228</a>                                |
| Decimal                             | <a href="#">10344420</a>                                     |
| CIELab                              | <a href="#">82.58, -15.42, -12.36</a>                        |
| CIELCh                              | <a href="#">83, 19.764, 218.729</a>                          |
| Yxy                                 | <a href="#">61.3704, 0.2663, 0.3130</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4288534500</a><br>( <a href="#">0xFF9DD7E4</a> ) |
| YUV                                 | <a href="#">199.1400, 14.2280, -36.9568</a>                  |
| Hunter-Lab                          | <a href="#">78.3393, -18.1336, -7.5960</a>                   |

# Details

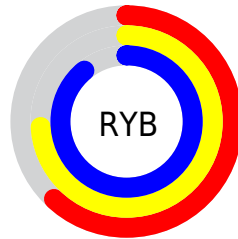
The Hex color **9DD7E4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E4AA9D**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D5FFFF**, and **67A0AD** is the 20% darker color. If you saturate the color by 10%, you get **86D3E4**, and if you desaturate by 10%, it is **B4DBE4**.

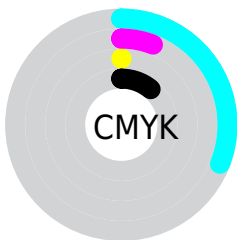
# Distribution



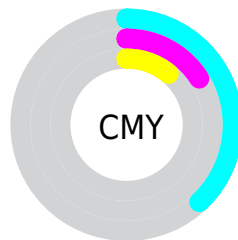
- Red (62%)
- Green (84%)
- Blue (89%)



- Red (62%)
- Yellow (74%)
- Blue (89%)



- Cyan (31%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (16%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DD7E4 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 9DD7E4 by changing the saturation by 10% instead.



■ 9DD7E4

■ 9DD7E4

FFFFFF

■ 82BBC8

■ D5FFFF

■ 67A0AD

■ F2FFFF

■ 4C8692

■ 326D78

■ 135460

■ 003D48

■ 002731

■ 00121D

■ 000000

9DD7E4

9DD7E4

86D3E4

B4DBE4

6FCFE4

CBDFE4

59CAE4

E1E4E4

42C6E4

F8E8E4

2BC2E4

FFECE4

14BEE4

FFF0E4

00BAE4

FFF4E4

FFF8E4

FFFDE4

# Harmonies

## Analogous

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



9FD8D2



9DD7E4



A9D3F0

# Triad

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



9DD7E4



EAC2DB



D7CEA9

# Complementary

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



9DD7E4



E4AA9D

# 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.



E8C8AB



9DD7E4



F4C1C9

# Square

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



9DD7E4



D8C7EA



F3C3B7



C1D3B0

# Rectangle

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



9DD7E4



B8CFF2



F3C3B7



DDCCA9

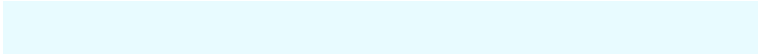


# Sweetspot

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



9DD7E4



E8FBFF



9DE4A9



717D80



000000



808080

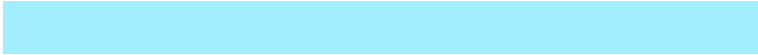


# Same Dimension

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



9DD7E4



A1EEFF



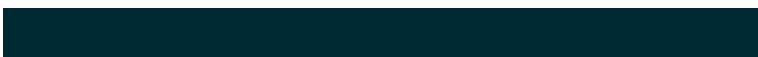
9DB5E4



677173



0092B3



002A33



# Inverse Universe

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



E49DD7



FFA1EE



E4CC9D



736771



B30092

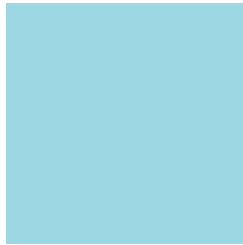


33002A



# Previews

## White Background



This preview shows how the Hex color 9DD7E4 looks on a white background.

## Color Contrast Check

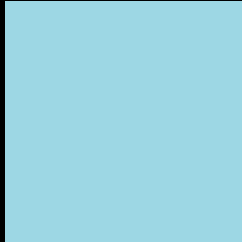
Large Text (above 18pt) WCAG AA × Fail

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 9DD7E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

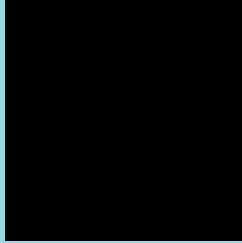
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DD7E4 Background



This preview shows how black text looks on a background with the Hex color 9DD7E4.

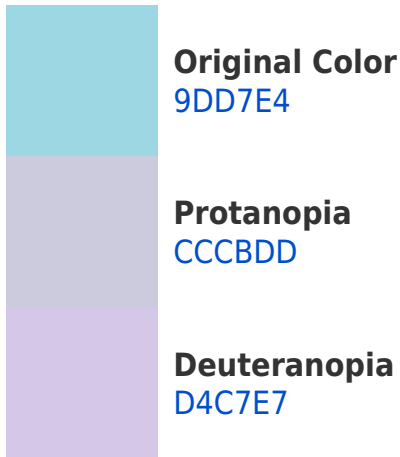


This preview shows how white text looks on a background with the Hex color 9DD7E4.

# 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



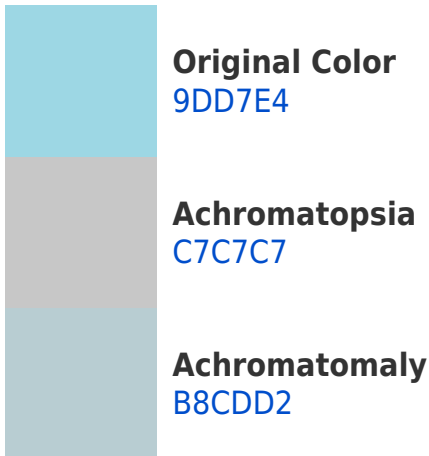


**Tritanopia**  
9ED6E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DD7E4 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 #9DD7E4 looks like.

```
.text, #text, p{  
    color:#9DD7E4  
}
```

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 #9DD7E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD7E4
}
```

## Border

The CSS property to change the border of an element to Hex 9DD7E4 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
#9DD7E4 }
```

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

```
.border{ border-color:#9DD7E4 }
```

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

Here you see how a box with a 4 pixel #9DD7E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD7E4; -webkit-box-shadow:4px 4px  
4px 4px #9DD7E4; box-shadow:4px 4px 4px  
4px #9DD7E4 }
```

# Background

The CSS property to change the background color of an element to Hex 9DD7E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD7E4 }
```

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

```
.background{ background-color:#9DD7E4 }
```

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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