

# Converting Colors

Hex(9DBCE2)

Have a look what the booklet for  
Hex(9DBCE2) contains.

<b>Hex(9DBCE2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9DBCE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DBCE2
RGB	157, 188, 226
RGB Percent	62%, 74%, 89%
CMY	0.3843, 0.2627, 0.1137
CMYK	0.31, 0.17, 0.00, 0.11
HSL	213°, 54%, 75%
HSV	213°, 31%, 89%
XYZ	45.6153, 48.6255, 78.9330
YIQ	183.0630, -30.6740, 5.2460

# Conversions

## Conversions Part 2

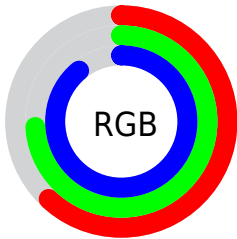
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 178, 226
Decimal	10337506
CIELab	75.22, -1.71, -22.39
CIELCh	75, 22.458, 265.623
Yxy	48.6255, 0.2634, 0.2808
Android (android.graphics.Color)	4288527586 (0xFF9DBCE2)
YUV	183.0630, 21.1679, -22.8573
Hunter-Lab	69.7320, -5.2649, -18.3008

# Details

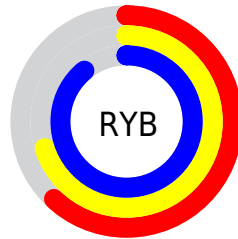
The Hex color **9DBCE2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E2C39D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D5F4FF**, and **6887AB** is the 20% darker color. If you saturate the color by 10%, you get **86B0E2**, and if you desaturate by 10%, it is **B4C8E2**.

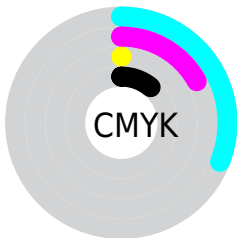
# Distribution



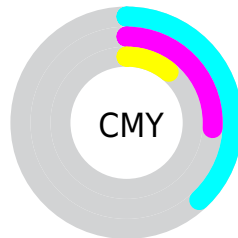
- Red (62%)
- Green (74%)
- Blue (89%)



- Red (62%)
- Yellow (70%)
- Blue (89%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (26%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DBCE2 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 9DBCE2 by changing the saturation by 10% instead.



■ 9DBCE2

FFFFFF

■ D5F4FF

■ F2FFFF

■ 9DBCE2

■ 82A1C6

■ 6887AB

■ 4E6E90

■ 345576

■ 193E5D

■ 002946

■ 00142F

■ 00011A

■ 000000

■ 9DBCE2

■ 9DBCE2

■ 86B0E2

■ B4C8E2

■ 70A3E2

■ CAD5E2

■ 5997E2

■ E1E1E2

■ 438AE2

■ F7EEE2

■ 2C7EE2

■ FFFAE2

■ 1571E2

■ FFFF2

■ 0066E2

# Harmonies

## Analogous

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



87C2DB



9DBCE2



B9B5DE

# Triad

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



9DBCE2



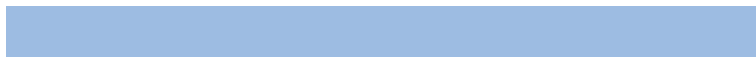
E4ABA8



9EC2A1

# Complementary

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



9DBCE2



E2C39D

# 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.



B6BD94



9DBCE2



DCB098

# Square

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



9DBCE2



E0ABBD



CCB790



8AC5B5

# Rectangle

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



9DBCE2



CAB0D6



CCB790



A6C19C



# Sweetspot

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



9DBCE2



E8F2FF



9DE2C3



717880



000000



808080

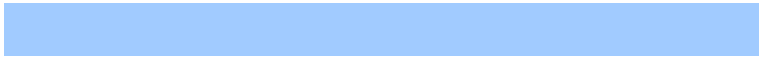


# Same Dimension

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



9DBCE2



A1CBFF



A09DE2



656A70



004FB0



001630



# Inverse Universe

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



E29DBC



FFA1CB



DFE29D



70656A



B0004F

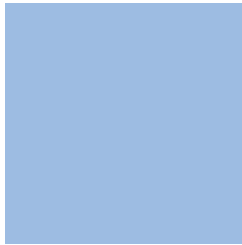


300016



# Previews

## White Background



This preview shows how the Hex color 9DBCE2 looks on a white background.

## Color Contrast Check

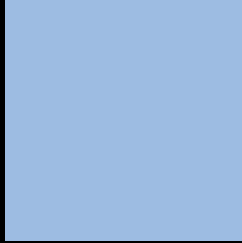
Large Text (above 18pt) WCAG AA × Fail

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 9DBCE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

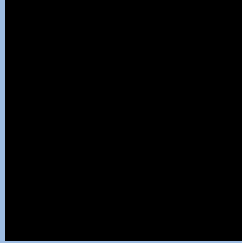
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

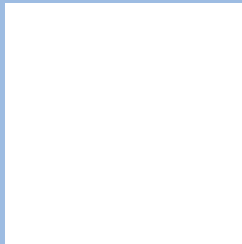
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DBCE2 Background



This preview shows how black text looks on a background with the Hex color 9DBCE2.

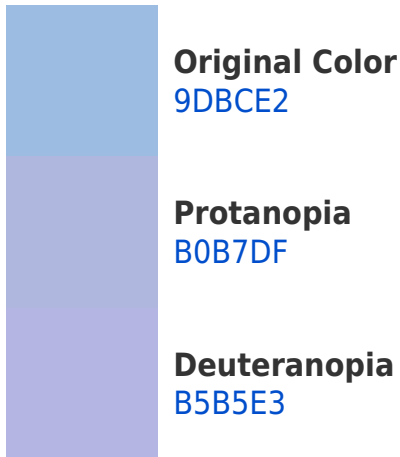


This preview shows how white text looks on a background with the Hex color 9DBCE2.

# 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](#).

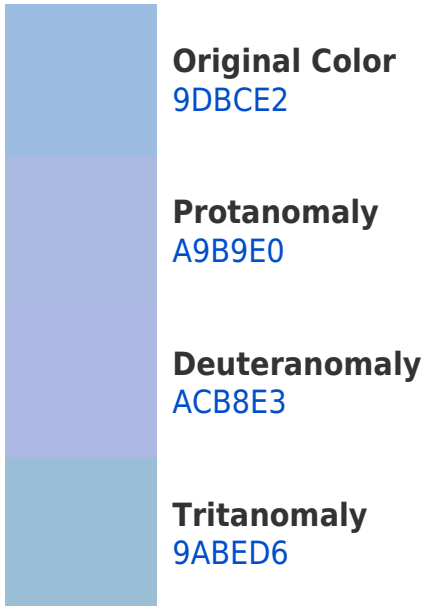
## Dichromacy



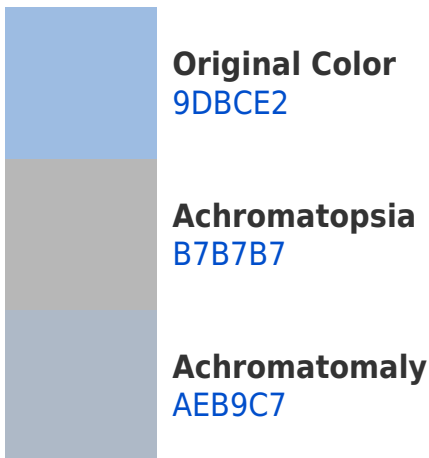


**Tritanopia**  
99BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DBCE2 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 #9DBCE2 looks like.

```
.text, #text, p{  
    color:#9DBCE2  
}
```

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 #9DBCE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DBCE2
}
```

## Border

The CSS property to change the border of an element to Hex 9DBCE2 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
#9DBCE2 }
```

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

```
.border{ border-color:#9DBCE2 }
```

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

Here you see how a box with a 4 pixel #9DBCE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DBCE2; -webkit-box-shadow:4px 4px  
4px 4px #9DBCE2; box-shadow:4px 4px 4px  
4px #9DBCE2 }
```

# Background

The CSS property to change the background color of an element to Hex 9DBCE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DBCE2 }
```

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

```
.background{ background-color:#9DBCE2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor