

Converting Colors

Hex(9DCBE3)

Have a look what the booklet for
Hex(9DCBE3) contains.

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Color

Hex(9DCBE3)

Conversions

Conversions Part 1

Format	Color
Hex	9DCBE3
RGB	157, 203, 227
RGB Percent	62%, 80%, 89%
CMY	0.3843, 0.2039, 0.1098
CMYK	0.31, 0.11, 0.00, 0.11
HSL	201°, 56%, 75%
HSV	201°, 31%, 89%
XYZ	49.1257, 55.4260, 80.7821
YIQ	191.9820, -35.1200, -2.2880

Conversions

Conversions Part 2

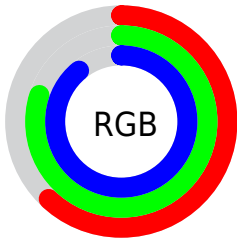
Format	Color
RYB	157, 185, 227
Decimal	10341347
CIELab	79.29, -9.45, -16.77
CIELCh	79, 19.252, 240.587
Yxy	55.4260, 0.2651, 0.2991
Android (android.graphics.Color)	4288531427 (0xFF9DCBE3)
YUV	191.9820, 17.2639, -30.6792
Hunter-Lab	74.4487, -12.5001, -12.2199

Details

The Hex color **9DCBE3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3B59D**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D5FFFF**, and **6795AC** is the 20% darker color. If you saturate the color by 10%, you get **86C3E3**, and if you desaturate by 10%, it is **B4D3E3**.

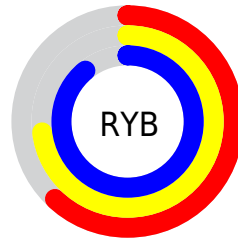
Distribution



Red (62%)

Green (80%)

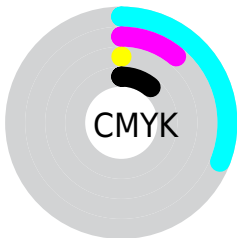
Blue (89%)



Red (62%)

Yellow (73%)

Blue (89%)

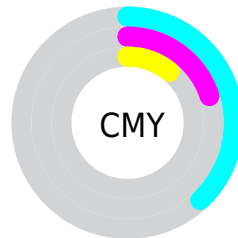


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DCBE3 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 9DCBE3 by changing the saturation by 10% instead.

■ 9DCBE3

■ 9DCBE3

FFFFFF

■ 82B0C7

■ D5FFFF

■ 6795AC

■ F2FFFF

■ 4D7B91

■ 336277

■ 174A5F

■ 003447

■ 001F30

■ 00011C

■ 000000

■ 9DCBE3

■ 9DCBE3

■ 86C3E3

■ B4D3E3

■ 70BBE3

■ CADBE3

■ 59B4E3

■ E1E2E3

■ 42ACE3

■ F8EAE3

■ 2CA4E3

■ FFF2E3

■ 159CE3

■ FFFAE3

■ 0095E3

■ FFFF E3

Harmonies

Analogous

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



95CED6



9DCBE3



B1C6E8

Triad

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



9DCBE3



E8B8C5



BEC9A5

Complementary

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



9DCBE3



E3B59D

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.



D2C3A1



9DCBE3



EAB9B3

Square

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



9DCBE3



DCBAD6



E2BDA6



AACDB2

Rectangle

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



9DCBE3



C0C2E6



E2BDA6



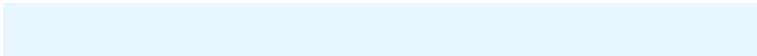
C5C7A3

Sweetspot

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



9DCBE3



E8F7FF



9DE3B4



717B80



000000



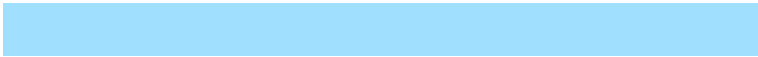
808080

Same Dimension

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



9DCBE3



A1DFFF



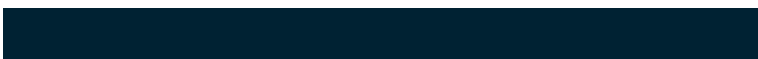
9DA9E3



676F73



0075B3



002233

Inverse Universe

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



E39DCB



FFA1DF



E3D79D



73676F



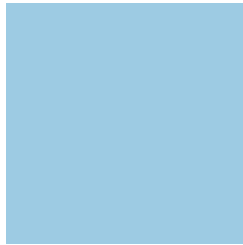
B30075



330022

Previews

White Background



This preview shows how the Hex color 9DCBE3 looks on a white background.

Color Contrast Check

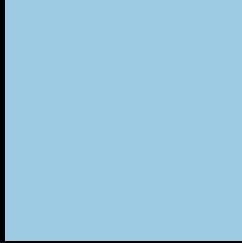
Large Text (above 18pt) WCAG AA × Fail

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 9DCBE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

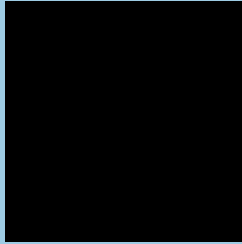
Any Text WCAG AA ✓ Pass

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 9DCBE3 Background



This preview shows how black text looks on a background with the Hex color 9DCBE3.

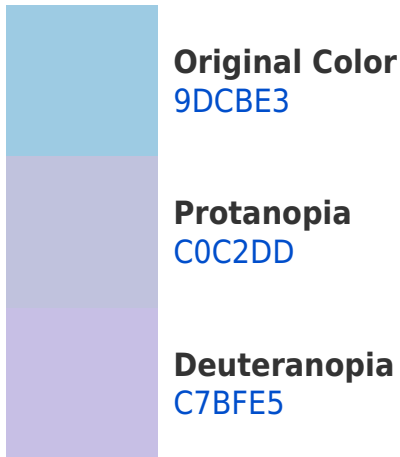


This preview shows how white text looks on a background with the Hex color 9DCBE3.

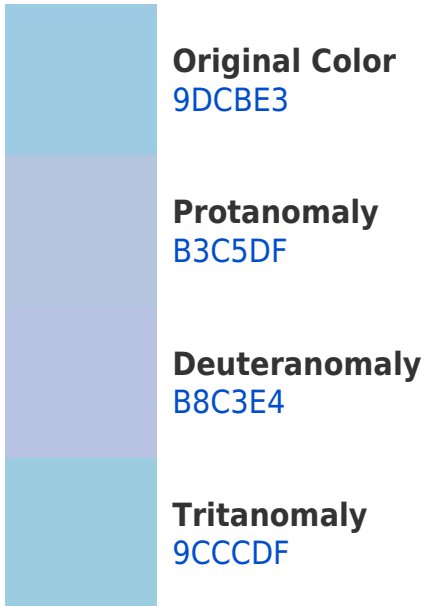
Color Blindness Simulation

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](#).

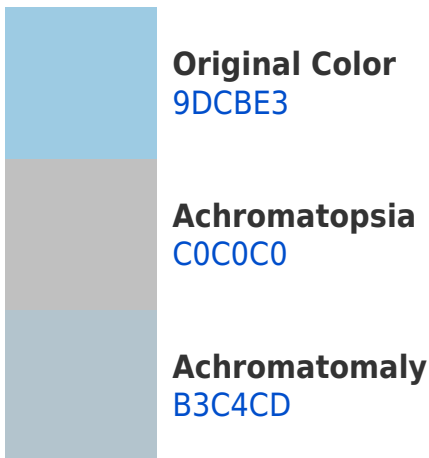
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DCBE3 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 #9DCBE3 looks like.

```
.text, #text, p{  
    color:#9DCBE3  
}
```

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 #9DCBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DCBE3  
}
```

Border

The CSS property to change the border of an element to Hex 9DCBE3 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  
#9DCBE3 }
```

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

```
.border{ border-color:#9DCBE3 }
```

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

Here you see how a box with a 4 pixel #9DCBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DCBE3; -webkit-box-shadow:4px 4px  
4px 4px #9DCBE3; box-shadow:4px 4px 4px  
4px #9DCBE3 }
```

Background

The CSS property to change the background color of an element to Hex 9DCBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DCBE3 }
```

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

```
.background{ background-color:#9DCBE3 }
```

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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