

# Converting Colors

Hex(9DCBD7)

Have a look what the booklet for  
Hex(9DCBD7) contains.

<b>Hex(9DCBD7)</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(9DCBD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DCBD7
RGB	157, 203, 215
RGB Percent	62%, 80%, 84%
CMY	0.3843, 0.2039, 0.1569
CMYK	0.27, 0.06, 0.00, 0.16
HSL	192°, 42%, 73%
HSV	192°, 27%, 84%
XYZ	47.5263, 54.7863, 72.3599
YIQ	190.6140, -31.2680, -6.0200

# Conversions

## Conversions Part 2

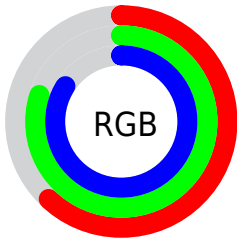
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 183, 215
Decimal	10341335
CIE <sub>Lab</sub>	78.92, -12.27, -10.88
CIE <sub>LCh</sub>	79, 16.400, 221.563
Yxy	54.7863, 0.2721, 0.3137
Android (android.graphics.Color)	4288531415 (0xFF9DCBD7)
YUV	190.6140, 12.0223, -29.4795
Hunter-Lab	74.0177, -14.9174, -6.1496

# Details

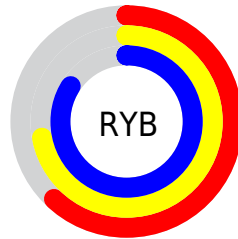
The Hex color **9DCBD7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D7A99D**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D5FFFF**, and **6895A0** is the 20% darker color. If you saturate the color by 10%, you get **88C7D7**, and if you desaturate by 10%, it is **B3CFD7**.

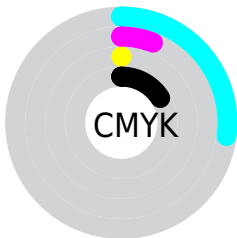
# Distribution



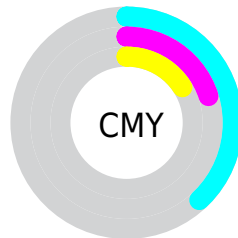
- Red (62%)
- Green (80%)
- Blue (84%)



- Red (62%)
- Yellow (72%)
- Blue (84%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DCBD7 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 9DCBD7 by changing the saturation by 10% instead.



 9DCBD7

 9DCBD7

FFFFFF

 82B0BB

 D5FFFF

 6895A0

 F1FFFF

 4E7B86

 35626D

 1B4A55

 00343D

 001E28

 000113

 000000

9DCBD7

9DCBD7

88C7D7

B3CFD7

72C2D7

C8D4D7

5DBED7

DED8D7

47B9D7

F3DDD7

31B5D7

FFE1D7

1CB0D7

FFE6D7

06ACD7

FFEAD7

00ABD7

FFefd7

FFF3D7

# Harmonies

## Analogous

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



9DCCC9



9DCBD7



A8C8E0

# Triad

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



9DCBD7



DCBACD



C9C4A6

# Complementary

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



9DCBD7



D7A99D

# 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.



D8BFA7



9DCBD7



E4B9BE

# Square

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



9DCBD7



CEBEDA



E2BBB0



B8C9AC

# Rectangle

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



9DCBD7



B4C4E2



E2BBB0



CFC3A5

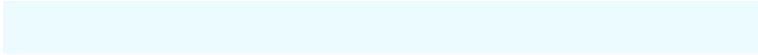


# Sweetspot

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



9DCBD7



EBFBFF



9DD7A9



737D80



000000



808080

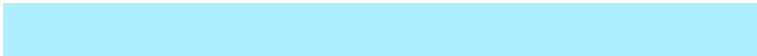


# Same Dimension

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



9DCBD7



ADEEFF



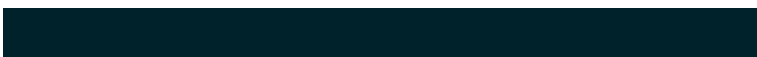
9DAED7



60696B



0088AB



00222B



# Inverse Universe

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



D79DCB



FFADEE



D7C69D



6B6069



AB0088

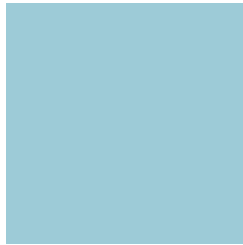


2B0022



# Previews

## White Background



This preview shows how the Hex color 9DCBD7 looks on a white background.

## Color Contrast Check

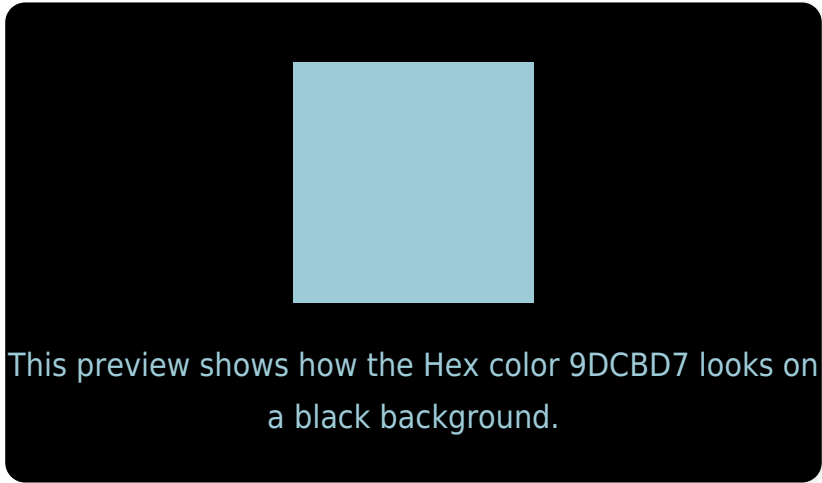
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

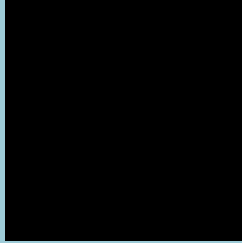
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

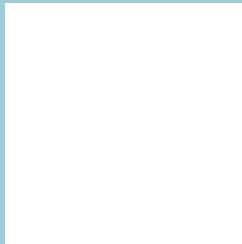
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DCBD7 Background



This preview shows how black text looks on a background with the Hex color 9DCBD7.

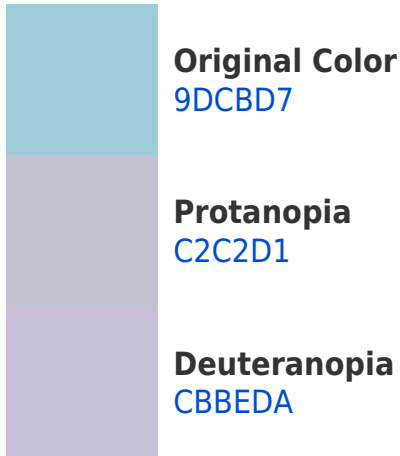


This preview shows how white text looks on a background with the Hex color 9DCBD7.

# Color Blindness Simulation

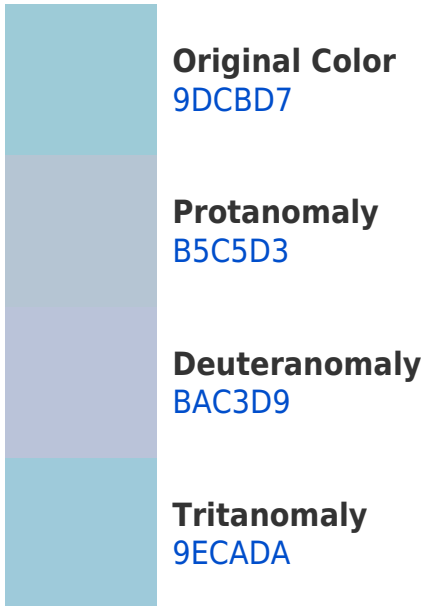
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

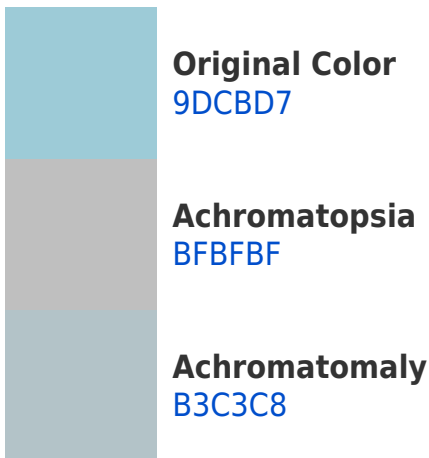




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DCBD7 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 #9DCBD7 looks like.

```
.text, #text, p{  
    color:#9DCBD7  
}
```

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 #9DCBD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DCBD7  
}
```

## Border

The CSS property to change the border of an element to Hex 9DCBD7 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  
#9DCBD7 }
```

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

```
.border{ border-color:#9DCBD7 }
```

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

Here you see how a box with a 4 pixel #9DCBD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DCBD7; -webkit-box-shadow:4px 4px  
4px 4px #9DCBD7; box-shadow:4px 4px 4px  
4px #9DCBD7 }
```

# Background

The CSS property to change the background color of an element to Hex 9DCBD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DCBD7 }
```

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

```
.background{ background-color:#9DCBD7 }
```

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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