

# Converting Colors

Hex(8DC5D8)

Have a look what the booklet for  
Hex(8DC5D8) contains.

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# **Color**

**Hex(8DC5D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DC5D8
RGB	141, 197, 216
RGB Percent	55%, 77%, 85%
CMY	0.4471, 0.2275, 0.1529
CMYK	0.35, 0.09, 0.00, 0.15
HSL	195°, 49%, 70%
HSV	195°, 35%, 85%
XYZ	43.3454, 50.5531, 72.4389
YIQ	182.4220, -39.4750, -5.9630

# Conversions

## Conversions Part 2

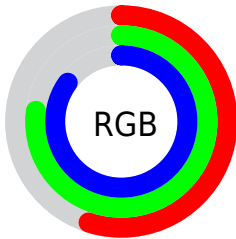
Format	Color
<a href="#">RYB</a>	<a href="#">141, 173, 216</a>
Decimal	<a href="#">9291224</a>
CIELab	<a href="#">76.41, -13.45, -15.27</a>
CIELCh	<a href="#">76, 20.348, 228.639</a>
Yxy	<a href="#">50.5531, 0.2606, 0.3039</a>
Android (android.graphics.Color)	<a href="#">4287481304 (0xFF8DC5D8)</a>
YUV	<a href="#">182.4220, 16.5540, -36.3271</a>
Hunter-Lab	<a href="#">71.1007, -15.6065, -10.6354</a>

# Details

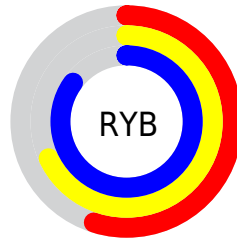
The Hex color **8DC5D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D8A08D**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C5FEFF**, and **578FA1** is the 20% darker color. If you saturate the color by 10%, you get **77C0D8**, and if you desaturate by 10%, it is **A3CAD8**.

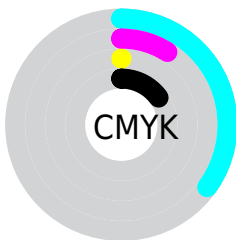
# Distribution



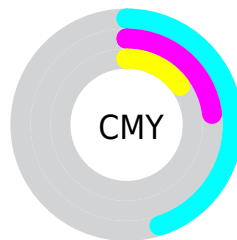
- Red (55%)
- Green (77%)
- Blue (85%)



- Red (55%)
- Yellow (68%)
- Blue (85%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (23%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DC5D8 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 8DC5D8 by changing the saturation by 10% instead.



8DC5D8

8DC5D8

FFFFFF

72AABC

C5FEFF

578FA1

E1FFFF

3D7687

205D6E

004555

002F3E

001B28

000113

000000

8DC5D8

8DC5D8

77C0D8

A3CAD8

62BAD8

B8D0D8

4CB5D8

CED5D8

37AFD8

E3DBD8

21AAD8

F9E0D8

0BA4D8

FFE6D8

00A1D8

FFEBD8

FFF1D8

FFF6D8

# Harmonies

## Analogous

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



8AC7C8



8DC5D8



9EC0E1

# Triad

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



8DC5D8



DEB0C4



BFBF99

# Complementary

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



8DC5D8



D8A08D

# 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.



D2B998



8DC5D8



E4B0B1

# Square

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



8DC5D8



CEB4D5



DFB3A1



A9C4A3

# Rectangle

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



8DC5D8



AEBCE1



DFB3A1



C5BD97



# Sweetspot

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



8DC5D8



E6F9FF



8DD8A0



707C80



000000



808080

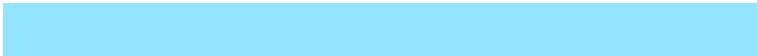


# Same Dimension

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



8DC5D8



94E4FF



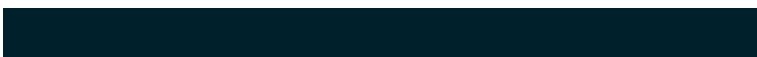
8DA0D8



60686B



0080AB



00202B



# Inverse Universe

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



D88DC5



FF94E4



D8C58D



6B6068



AB0080

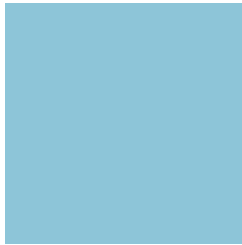


2B0020



# Previews

## White Background



This preview shows how the Hex color 8DC5D8 looks on a white background.

## Color Contrast Check

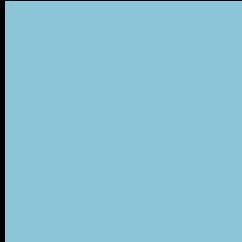
Large Text (above 18pt) WCAG AA × Fail

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 8DC5D8 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 8DC5D8 Background



This preview shows how black text looks on a background with the Hex color 8DC5D8.

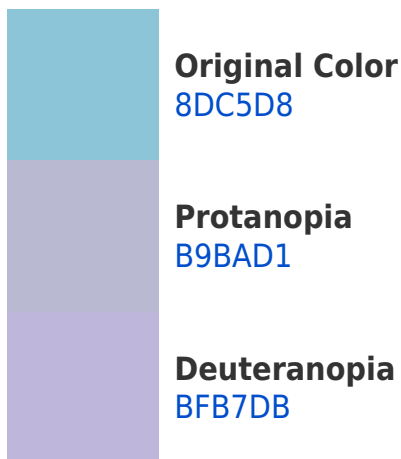


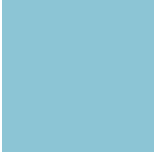
This preview shows how white text looks on a background with the Hex color 8DC5D8.

# 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](#).

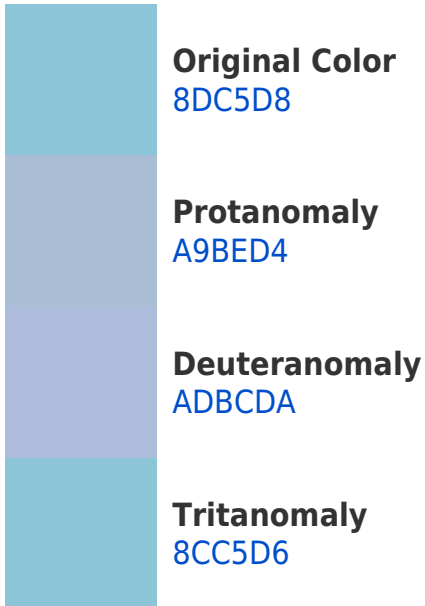
## Dichromacy



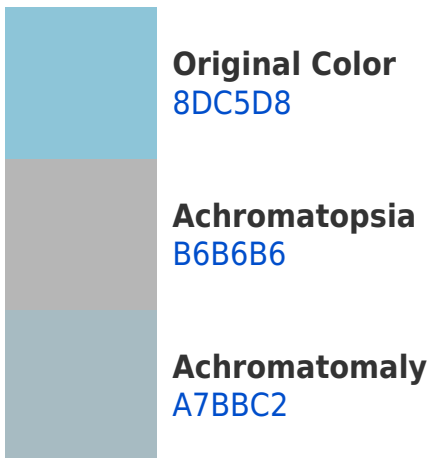


**Tritanopia**  
8CC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DC5D8 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 #8DC5D8 looks like.

```
.text, #text, p{  
    color:#8DC5D8  
}
```

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 #8DC5D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC5D8
}
```

## Border

The CSS property to change the border of an element to Hex 8DC5D8 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
#8DC5D8 }
```

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

```
.border{ border-color:#8DC5D8 }
```

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

Here you see how a box with a 4 pixel #8DC5D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC5D8; -webkit-box-shadow:4px 4px  
4px 4px #8DC5D8; box-shadow:4px 4px 4px  
4px #8DC5D8 }
```

# Background

The CSS property to change the background color of an element to Hex 8DC5D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC5D8 }
```

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

```
.background{ background-color:#8DC5D8 }
```

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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