

# Converting Colors

Hex(8DCEAF)

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

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# Color

**Hex(8DCEAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DCEAF
RGB	141, 206, 175
RGB Percent	55%, 81%, 69%
CMY	0.4471, 0.1922, 0.3137
CMYK	0.32, 0.00, 0.15, 0.19
HSL	151°, 40%, 68%
HSV	151°, 32%, 81%
XYZ	40.7937, 52.9005, 48.6182
YIQ	183.0310, -28.7890, -23.4210

# Conversions

## Conversions Part 2

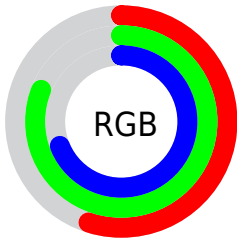
Format	Color
<a href="#">RYB</a>	<a href="#">141, 184, 206</a>
Decimal	<a href="#">9293487</a>
CIELab	<a href="#">77.82, -27.22, 8.89</a>
CIELCh	<a href="#">78, 28.637, 161.922</a>
Yxy	<a href="#">52.9005, 0.2866, 0.3717</a>
Android (android.graphics.Color)	<a href="#">4287483567 (0xFF8DCEAF)</a>
YUV	<a href="#">183.0310, -3.9593, -36.8612</a>
Hunter-Lab	<a href="#">72.7327, -27.1668, 11.2805</a>

# Details

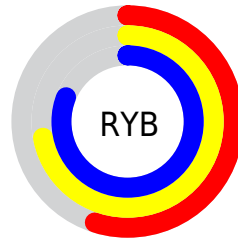
The Hex color **8DCEAF** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CE8DAC**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C4FFE7**, and **58977B** is the 20% darker color. If you saturate the color by 10%, you get **78CEA5**, and if you desaturate by 10%, it is **A2CEB9**.

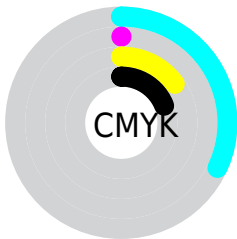
# Distribution



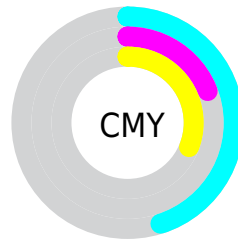
- Red (55%)
- Green (81%)
- Blue (69%)



- Red (55%)
- Yellow (72%)
- Blue (81%)



- Cyan (32%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)



- Cyan (45%)
- Magenta (19%)
- Yellow (31%)

# Brightness & Saturation Gradients

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



 8DCEAF

FFFFFF

 C4FFE7

 E1FFFF

FEFFFF

 8DCEAF

 72B294

 58977B

 3F7D62

 24644A

 044C33

 00341E

 002106

 000000

 8DCEAF

 8DCEAF

 78CEA5

 A2CEB9

 64CE9B

 B6CEC3

 4FCE92


 CBCECC

 3BCE88

 DFCE66

 26CE7E

 F4CEE0

 11CE74

 FFCEEA

 00CE6C

 FFCEF4

 FFCEFE

 FFCEFF

# Harmonies

## Analogous

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



ABC998



8DCEAF



76CFCA

# Triad

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



8DCEAF



AEBFF4



F2B19E

# Complementary

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



8DCEAF



CE8DAC

# 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.



F6ADB7



8DCEAF



D2B6E8

# Square

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



8DCEAF



8AC8F2



EBAFD1



E2B98E

# Rectangle

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



8DCEAF



71CEDB



EBAFD1



F5AFA6



# Sweetspot

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



8DCEAF



E8FFF4



ACCE8D



718079



000000



808080

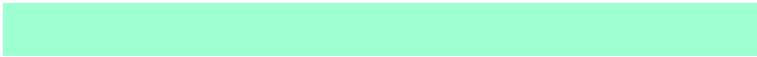


# Same Dimension

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



8DCEAF



9EFFD1



8DCDCE



5C6661



00A657



002614



# Inverse Universe

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



CE8DAC



FF9ECC



CE8E8D



665C61



A6004F



260012



# Previews

## White Background



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

## Color Contrast Check

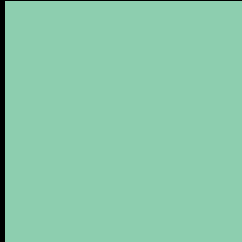
Large Text (above 18pt) WCAG AA × Fail

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 8DCEAF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

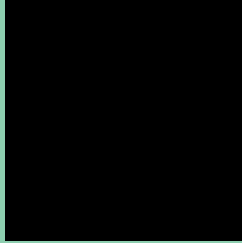
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DCEAF Background



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

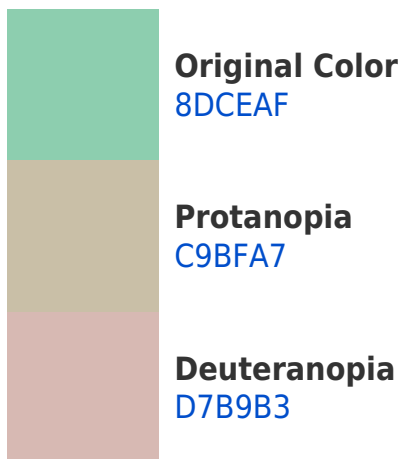


This preview shows how white text looks on a background with the Hex color 8DCEAF.

# 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](#).

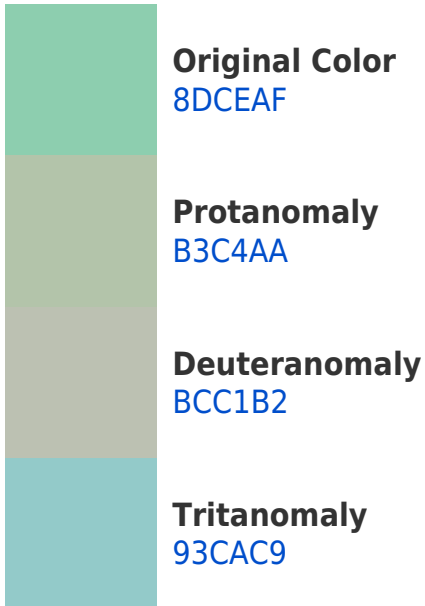
## Dichromacy



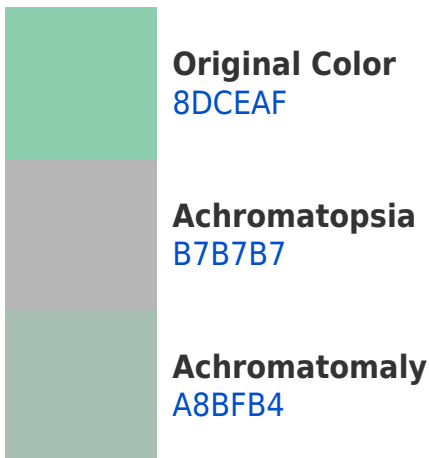


**Tritanopia**  
96C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #8DCEAF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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