

# Converting Colors

Hex(8DC9EA)

Have a look what the booklet for  
Hex(8DC9EA) contains.

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# **Color**

**Hex(8DC9EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DC9EA
RGB	141, 201, 234
RGB Percent	55%, 79%, 92%
CMY	0.4471, 0.2118, 0.0824
CMYK	0.40, 0.14, 0.00, 0.08
HSL	201°, 69%, 74%
HSV	201°, 40%, 92%
XYZ	46.7224, 53.3765, 85.6821
YIQ	186.8220, -46.3530, -2.4570

# Conversions

## Conversions Part 2

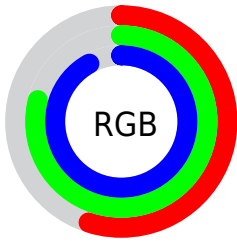
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 177, 234
Decimal	9292266
CIELab	78.10, -10.98, -22.41
CIELCh	78, 24.956, 243.894
Yxy	53.3765, 0.2515, 0.2873
Android (android.graphics.Color)	4287482346 (0xFF8DC9EA)
YUV	186.8220, 23.2588, -40.1859
Hunter-Lab	73.0592, -13.7004, -18.3924

# Details

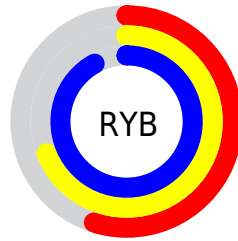
The Hex color **8DC9EA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EAAE8D**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C6FFFF**, and **5693B2** is the 20% darker color. If you saturate the color by 10%, you get **76C1EA**, and if you desaturate by 10%, it is **A4D1EA**.

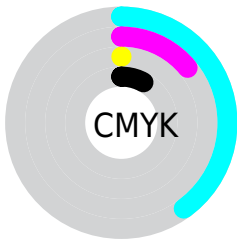
# Distribution



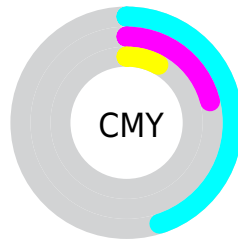
- Red (55%)
- Green (79%)
- Blue (92%)



- Red (55%)
- Yellow (69%)
- Blue (92%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (21%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DC9EA 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 8DC9EA by changing the saturation by 10% instead.



■ 8DC9EA

■ 8DC9EA

FFFFFF

■ 71AECE

■ C6FFFF

■ 5693B2

■ E3FFFF

■ 397997

■ 18607D

■ 004964

■ 00324C

■ 001E35

■ 000220

■ 000005

8DC9EA

8DC9EA

76C1EA

A4D1EA

5EB8EA

BCDAEA

47B0EA

D3E2EA

2FA8EA

EBEAEA

189FEA

FFF3EA

0197EA

FFFBEA

0097EA

FFFFEA

# Harmonies

## Analogous

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



7FCDDA



8DC9EA



AAC2EF

# Triad

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



8DC9EA



EFB0BF



B6C89A

# Complementary

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



8DC9EA



EAAE8D

# 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.



CFC193



8DC9EA



EFB3A8

# Square

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



8DC9EA



E2B3D6



E4B998



9CCCAC

# Rectangle

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



8DC9EA



BFBDEB



E4B998



BFC596



# Sweetspot

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



8DC9EA



E0F4FF



8DEAAE



6E7980



000000



808080

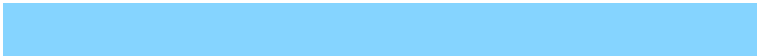


# Same Dimension

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



8DC9EA



85D4FF



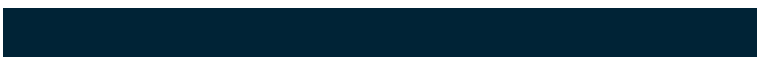
8D9BEA



6A7175



0075B5



002336



# Inverse Universe

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



EA8DC9



FF85D4



EADC8D



756A71



B50075

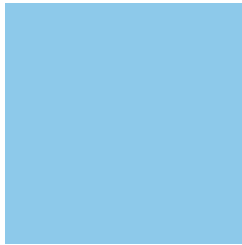


360023



# Previews

## White Background



This preview shows how the Hex color 8DC9EA looks on a white background.

## Color Contrast Check

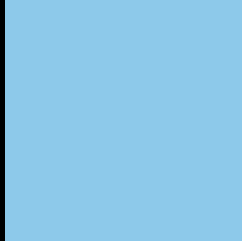
Large Text (above 18pt) WCAG AA × Fail

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 8DC9EA 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 8DC9EA Background



This preview shows how black text looks on a background with the Hex color 8DC9EA.

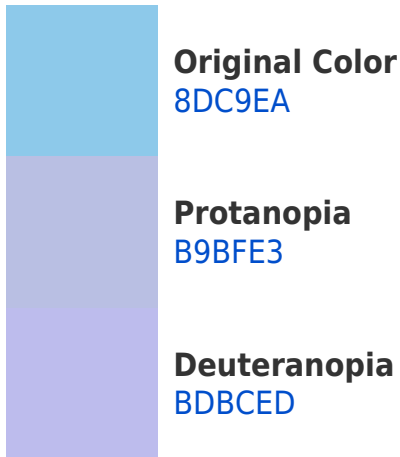


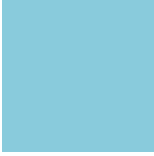
This preview shows how white text looks on a background with the Hex color 8DC9EA.

# 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](#).

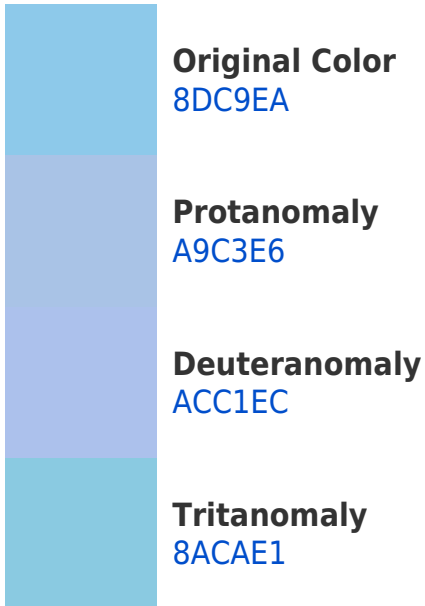
## Dichromacy



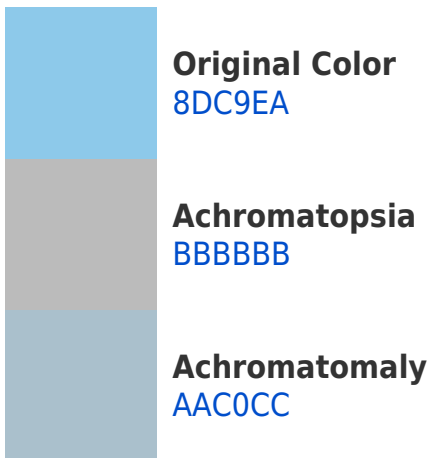


**Tritanopia**  
89CBDC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DC9EA 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 #8DC9EA looks like.

```
.text, #text, p{  
    color:#8DC9EA  
}
```

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 #8DC9EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC9EA
}
```

## Border

The CSS property to change the border of an element to Hex 8DC9EA 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
#8DC9EA }
```

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

```
.border{ border-color:#8DC9EA }
```

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

Here you see how a box with a 4 pixel #8DC9EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC9EA; -webkit-box-shadow:4px 4px  
4px 4px #8DC9EA; box-shadow:4px 4px 4px  
4px #8DC9EA }
```

# Background

The CSS property to change the background color of an element to Hex 8DC9EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC9EA }
```

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

```
.background{ background-color:#8DC9EA }
```

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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