

# Converting Colors

Hex(8DC5EA)

Have a look what the booklet for  
Hex(8DC5EA) contains.

<b>Hex(8DC5EA)</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(8DC5EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DC5EA
RGB	141, 197, 234
RGB Percent	55%, 77%, 92%
CMY	0.4471, 0.2275, 0.0824
CMYK	0.40, 0.16, 0.00, 0.08
HSL	204°, 69%, 74%
HSV	204°, 40%, 92%
XYZ	45.8020, 51.5357, 85.3753
YIQ	184.4740, -45.2530, -0.3650

# Conversions

## Conversions Part 2

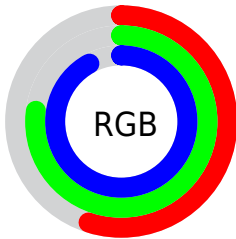
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	141, 176, 234
Decimal	9291242
CIE <sub>Lab</sub>	77.00, -8.87, -24.08
CIE <sub>LCh</sub>	77, 25.659, 249.769
Yxy	51.5357, 0.2507, 0.2821
Android (android.graphics.Color)	4287481322 (0xFF8DC5EA)
YUV	184.4740, 24.4163, -38.1267
Hunter-Lab	71.7884, -11.7441, -20.2595

# Details

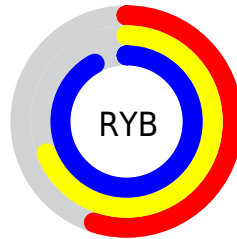
The Hex color **8DC5EA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EAB28D**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C6FEFF**, and **568FB2** is the 20% darker color. If you saturate the color by 10%, you get **76BCEA**, and if you desaturate by 10%, it is **A4CEEA**.

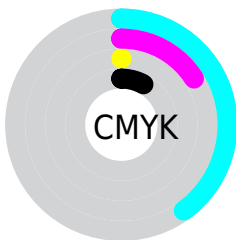
# Distribution



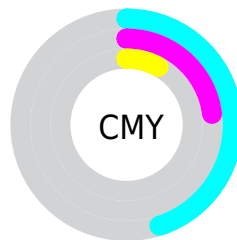
- Red (55%)
- Green (77%)
- Blue (92%)



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



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (23%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DC5EA 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 8DC5EA by changing the saturation by 10% instead.



8DC5EA

8DC5EA

FFFFFF

71AACE

C6FEFF

568FB2

E3FFFF

3A7697

195D7D

004664

002F4C

001B35

000220

000004

8DC5EA

8DC5EA

76BCEA

A4CEEA

5EB2EA

BCD8EA

47A9EA

D3E1EA

2FA0EA

EBEAEA

1896EA

FFF4EA

018DEA

FFFDEA

008DEA

FFFFEA

# Harmonies

## Analogous

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



7BCADC



8DC5EA



ACBEED

# Triad

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



8DC5EA



EEADB7



ADC699

# Complementary

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



8DC5EA



EAB28D

# 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.



C8BF8F



8DC5EA



ECB0A1

# Square

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



8DC5EA



E3AFCF



DEB792



93CAAD

# Rectangle

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



8DC5EA



C2B8E7



DEB792



B6C494

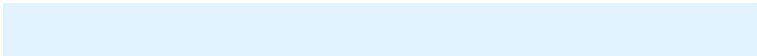


# Sweetspot

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



8DC5EA



E0F3FF



8DEAB1



6E7880



000000



808080

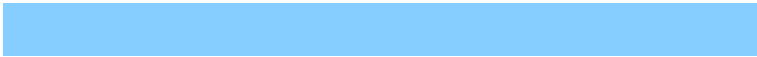


# Same Dimension

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



8DC5EA



85CEFF



8D98EA



6A7175



006DB5



002036



# Inverse Universe

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



EA8DC5



FF85CE



EADF8D



756A71



B5006D

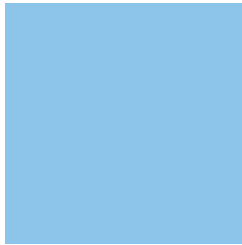


360020



# Previews

## White Background



This preview shows how the Hex color 8DC5EA looks on a white background.

## Color Contrast Check

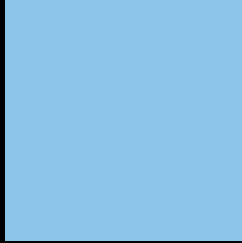
Large Text (above 18pt) WCAG AA × Fail

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 8DC5EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

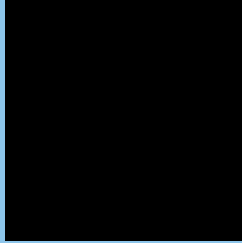
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

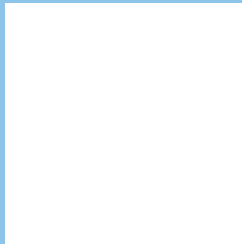
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DC5EA Background



This preview shows how black text looks on a background with the Hex color 8DC5EA.

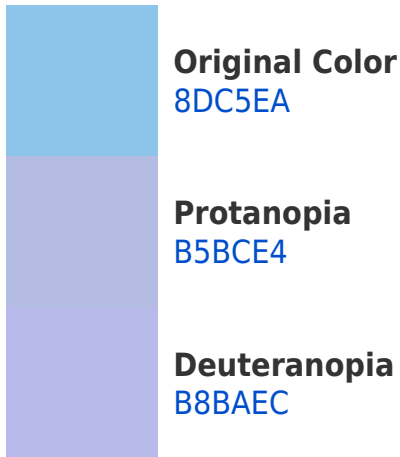


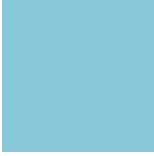
This preview shows how white text looks on a background with the Hex color 8DC5EA.

# 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](#).

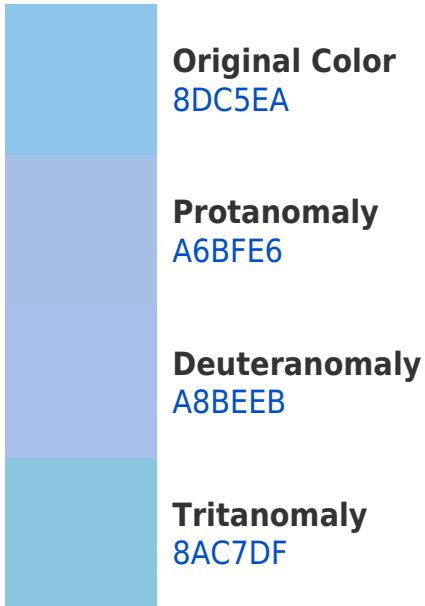
## Dichromacy



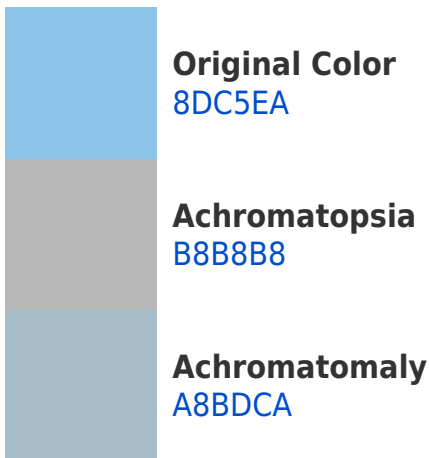


**Tritanopia**  
88C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DC5EA 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 #8DC5EA looks like.

```
.text, #text, p{  
    color:#8DC5EA  
}
```

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 #8DC5EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC5EA
}
```

## Border

The CSS property to change the border of an element to Hex 8DC5EA 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
#8DC5EA }
```

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

```
.border{ border-color:#8DC5EA }
```

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

Here you see how a box with a 4 pixel #8DC5EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC5EA; -webkit-box-shadow:4px 4px  
4px 4px #8DC5EA; box-shadow:4px 4px 4px  
4px #8DC5EA }
```

# Background

The CSS property to change the background color of an element to Hex 8DC5EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC5EA }
```

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

```
.background{ background-color:#8DC5EA }
```

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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