

# Converting Colors

Hex(8CBEE9)

Have a look what the booklet for  
Hex(8CBEE9) contains.

<b>Hex(8CBEE9)</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(8CBEE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CBEE9
RGB	140, 190, 233
RGB Percent	55%, 75%, 91%
CMY	0.4510, 0.2549, 0.0863
CMYK	0.40, 0.18, 0.00, 0.09
HSL	208°, 68%, 73%
HSV	208°, 40%, 91%
XYZ	43.9367, 48.2856, 84.0951
YIQ	179.9520, -43.6030, 2.7730

# Conversions

## Conversions Part 2

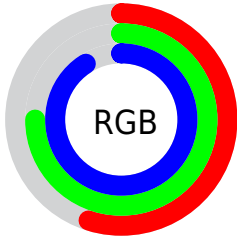
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 173, 233
Decimal	9223913
CIE <sub>Lab</sub>	75.00, -5.66, -26.59
CIE <sub>LCh</sub>	75, 27.189, 257.990
Yxy	48.2856, 0.2492, 0.2739
Android (android.graphics.Color)	4287413993 (0xFF8CBEE9)
YUV	179.9520, 26.1527, -35.0379
Hunter-Lab	69.4878, -8.7394, -23.1121

# Details

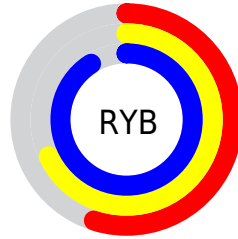
The Hex color **8CBEE9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9B78C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C4F6FF**, and **5589B1** is the 20% darker color. If you saturate the color by 10%, you get **75B3E9**, and if you desaturate by 10%, it is **A3C9E9**.

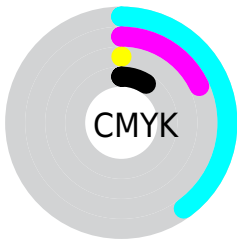
# Distribution



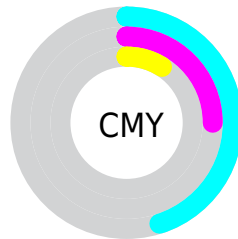
- Red (55%)
- Green (75%)
- Blue (91%)



- Red (55%)
- Yellow (68%)
- Blue (91%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (25%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CBEE9 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 8CBEE9 by changing the saturation by 10% instead.



■ 8CBEE9

■ 8CBEE9

FFFFFF

■ 70A3CD

■ C4F6FF

■ 5589B1

■ E1FFFF

■ 396F96

■ 19577C

■ 004063

■ 002A4B

■ 001634

■ 00021F

■ 000002

■ 8CBEE9

■ 8CBEE9

■ 75B3E9

■ A3C9E9

■ 5DA8E9

■ BBD4E9

■ 469EE9

■ D2DEE9

■ 2F93E9

■ E9E9E9

■ 1888E9

■ FFF4E9

■ 007DE9

■ FFFF E9

# Harmonies

## Analogous

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



73C4DD



8CBEE9



AFB6E8

# Triad

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



8CBEE9



ECA7AA



9FC297

# Complementary

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



8CBEE9



E9B78C

# 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.



BBBC89



8CBEE9



E6AC94

# Square

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



8CBEE9



E4A7C4



D4B488



83C6AD

# Rectangle

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



8CBEE9



C5B0E0



D4B488



A8C091

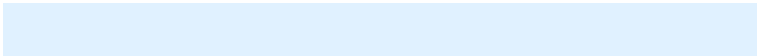


# Sweetspot

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



8CBEE9



E0F1FF



8CE9B6



6E7780



000000



808080

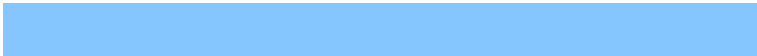


# Same Dimension

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



8CBEE9



85C6FF



8C91E9



6A7075



0061B5



001D36



# Inverse Universe

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



E98CBE



FF85C6



E9E48C



756A70



B50061



36001D



# Previews

## White Background



This preview shows how the Hex color 8CBEE9 looks on a white background.

## Color Contrast Check

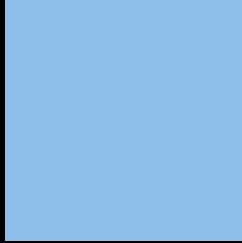
Large Text (above 18pt) WCAG AA × Fail

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 8CBEE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

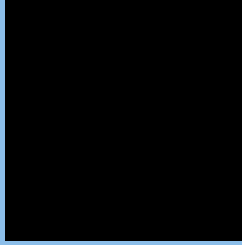
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

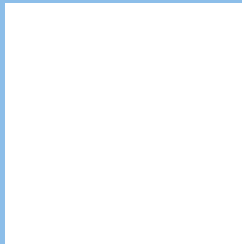
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CBEE9 Background



This preview shows how black text looks on a background with the Hex color 8CBEE9.

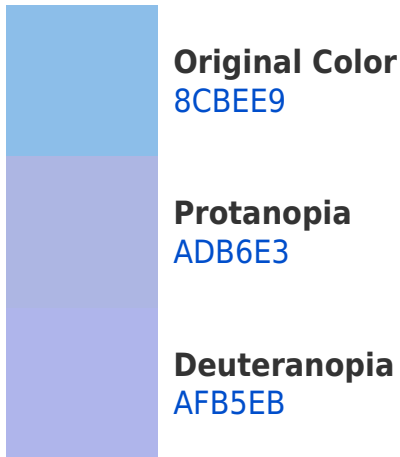


This preview shows how white text looks on a background with the Hex color 8CBEE9.

# 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](#).

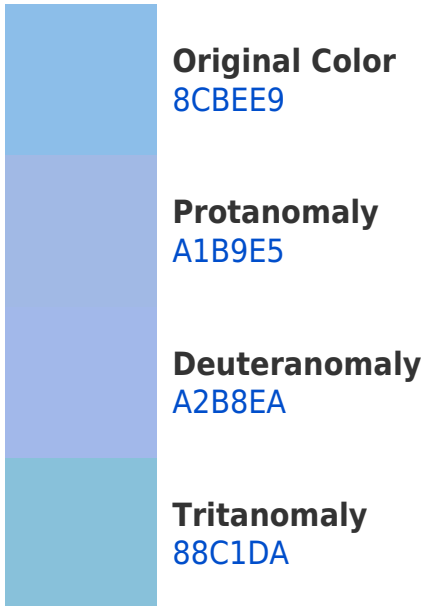
## Dichromacy



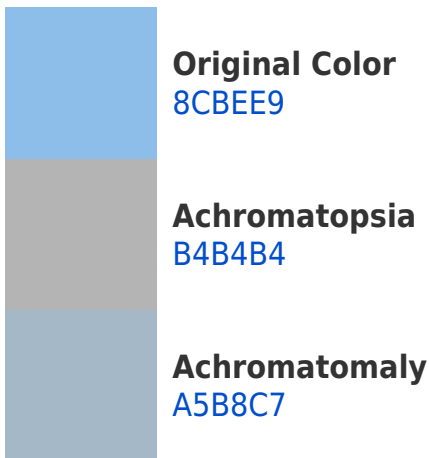


**Tritanopia**  
86C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CBEE9 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 #8CBEE9 looks like.

```
.text, #text, p{  
    color:#8CBEE9  
}
```

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 #8CBEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CBEE9
}
```

## Border

The CSS property to change the border of an element to Hex 8CBEE9 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
#8CBEE9 }
```

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

```
.border{ border-color:#8CBEE9 }
```

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

Here you see how a box with a 4 pixel #8CBEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CBEE9; -webkit-box-shadow:4px 4px  
4px 4px #8CBEE9; box-shadow:4px 4px 4px  
4px #8CBEE9 }
```

# Background

The CSS property to change the background color of an element to Hex 8CBEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CBEE9 }
```

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

```
.background{ background-color:#8CBEE9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor