

# Converting Colors

Hex(88C9E6)

Have a look what the booklet for  
Hex(88C9E6) contains.

<b>Hex(88C9E6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(88C9E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88C9E6
RGB	136, 201, 230
RGB Percent	53%, 79%, 90%
CMY	0.4667, 0.2118, 0.0980
CMYK	0.41, 0.13, 0.00, 0.10
HSL	199°, 65%, 72%
HSV	199°, 41%, 90%
XYZ	45.3229, 52.7207, 82.6503
YIQ	184.8710, -48.0490, -4.7610

# Conversions

## Conversions Part 2

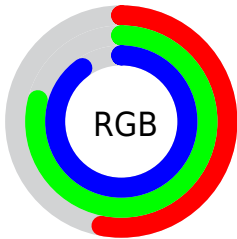
Format	Color
R <sub>Y</sub> B	136, 174, 230
Decimal	8964582
CIE Lab	77.71, -13.29, -20.87
CIE LCh	78, 24.747, 237.508
Yxy	52.7207, 0.2508, 0.2918
Android (android.graphics.Color)	4287154662 (0xFF88C9E6)
YUV	184.8710, 22.2486, -42.8599
Hunter-Lab	72.6090, -15.6452, -16.6630

# Details

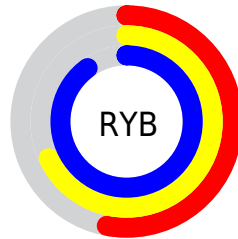
The Hex color **88C9E6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E6A588**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C1FFFF**, and **5093AE** is the 20% darker color. If you saturate the color by 10%, you get **71C2E6**, and if you desaturate by 10%, it is **9FD0E6**.

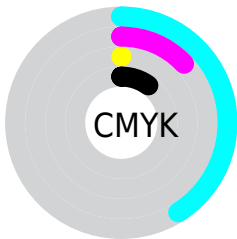
# Distribution



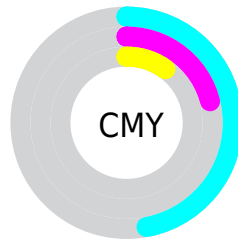
- Red (53%)
- Green (79%)
- Blue (90%)



- Red (53%)
- Yellow (68%)
- Blue (90%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (47%)
- Magenta (21%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88C9E6 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 88C9E6 by changing the saturation by 10% instead.



 88C9E6

 88C9E6

FFFFFF

 6CAECA

 C1FFFF

 5093AE

 DEFFFF

 337994

 FBFFFF

 0E607A

 004961

 003249

 001D32

 00021E

 000000

88C9E6

88C9E6

71C2E6

9FD0E6

5ABBE6

B6D7E6

43B4E6

CDDEE6

2CADE6

E4E5E6

15A6E6

FBECE6

009FE6

FFF4E6

FFFBE6

FFFFE6

# Harmonies

## Analogous

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



7FCDD4



88C9E6



A2C3ED

# Triad

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



88C9E6



ECB0C3



BBC597

# Complementary

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



88C9E6



E6A588

# 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.



D3BE92



88C9E6



EFB1AC

# Square

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



88C9E6



DCB4D9



E6B69A



A0CAA7

# Rectangle

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



88C9E6



B7BEEC



E6B69A



C3C394



# Sweetspot

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



88C9E6



E0F6FF



88E6A4



6E7A80



000000



808080

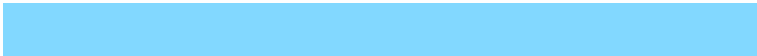


# Same Dimension

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



88C9E6



82D8FF



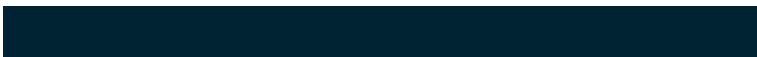
889BE6



676F73



007BB3



002333



# Inverse Universe

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



E688C9



FF82D8



E6D388



73676F



B3007B

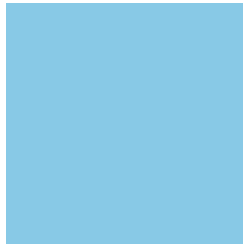


330023



# Previews

## White Background



This preview shows how the Hex color 88C9E6 looks on a white background.

## Color Contrast Check

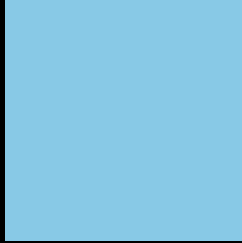
Large Text (above 18pt) WCAG AA × Fail

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 88C9E6 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 88C9E6 Background



This preview shows how black text looks on a background with the Hex color 88C9E6.

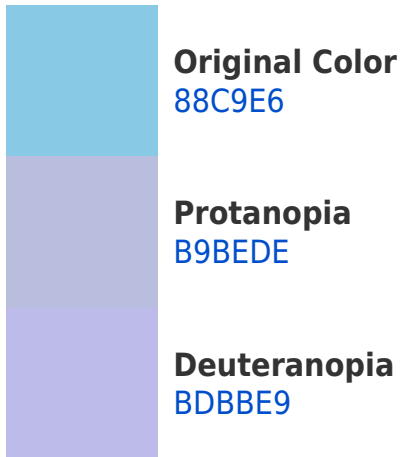


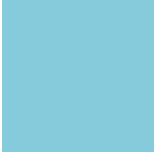
This preview shows how white text looks on a background with the Hex color 88C9E6.

# 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](#).

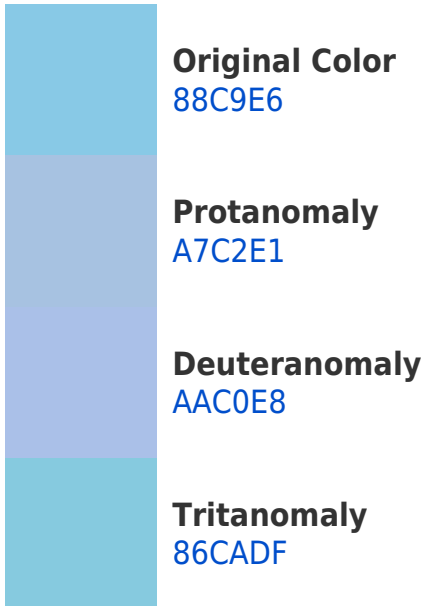
## Dichromacy



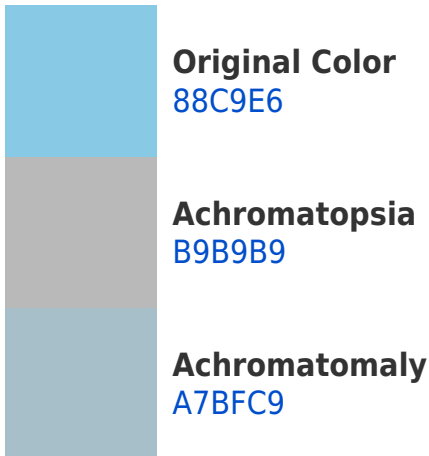


**Tritanopia**  
85CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88C9E6 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 #88C9E6 looks like.

```
.text, #text, p{  
    color:#88C9E6  
}
```

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 #88C9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88C9E6
}
```

## Border

The CSS property to change the border of an element to Hex 88C9E6 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
#88C9E6 }
```

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

```
.border{ border-color:#88C9E6 }
```

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

Here you see how a box with a 4 pixel #88C9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88C9E6; -webkit-box-shadow:4px 4px  
4px 4px #88C9E6; box-shadow:4px 4px 4px  
4px #88C9E6 }
```

# Background

The CSS property to change the background color of an element to Hex 88C9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88C9E6 }
```

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

```
.background{ background-color:#88C9E6 }
```

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