

Converting Colors

Hex(88CCE8)

Have a look what the booklet for
Hex(88CCE8) contains.

Hex(88CCE8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(88CCE8)

Conversions

Conversions Part 1

Format	Color
Hex	88CCE8
RGB	136, 204, 232
RGB Percent	53%, 80%, 91%
CMY	0.4667, 0.2000, 0.0902
CMYK	0.41, 0.12, 0.00, 0.09
HSL	198°, 68%, 72%
HSV	198°, 41%, 91%
XYZ	46.3117, 54.2462, 84.3736
YIQ	186.8600, -49.5160, -5.7080

Conversions

Conversions Part 2

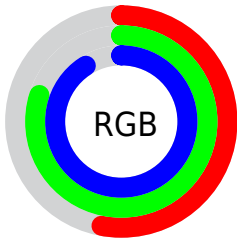
Format	Color
R _Y B	136, 176, 232
Decimal	8965352
CIE Lab	78.61, -14.33, -20.59
CIE LCh	79, 25.086, 235.158
Yxy	54.2462, 0.2504, 0.2933
Android (android.graphics.Color)	4287155432 (0xFF88CCE8)
YUV	186.8600, 22.2540, -44.6042
Hunter-Lab	73.6520, -16.6518, -16.3645

Details

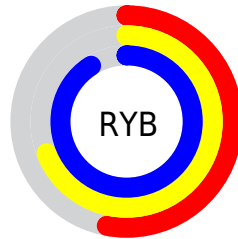
The Hex color **88CCE8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E8A488**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C1FFFF**, and **5096B0** is the 20% darker color. If you saturate the color by 10%, you get **71C5E8**, and if you desaturate by 10%, it is **9FD3E8**.

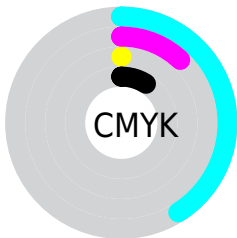
Distribution



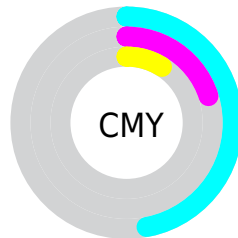
- Red (53%)
- Green (80%)
- Blue (91%)



- Red (53%)
- Yellow (69%)
- Blue (91%)



- Cyan (41%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88CCE8 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 88CCE8 by changing the saturation by 10% instead.

 88CCE8

 88CCE8

FFFFFF

 6CB1CC

 C1FFFF

 5096B0

 DEFFFF

 337C96

 FBFFFF

 0B637C

 004B63

 00344B

 001F34

 00021F

 000002

88CCE8

88CCE8

71C5E8

9FD3E8

5ABEE8

B6DAE8

42B8E8

CEE0E8

2BB1E8

E5E7E8

14AAE8

FCEEE8

00A4E8

FFF5E8

FFFBE8

FFFFE8

Harmonies

Analogous

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



80CFD5



88CCE8



A2C6F0

Triad

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



88CCE8



EEB2C7



BFC798

Complementary

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



88CCE8



E8A488

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.



D8C094



88CCE8



F2B3B0

Square

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



88CCE8



DDB6DD



EAB89D



A4CDA7

Rectangle

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



88CCE8



B7C1EF



EAB89D



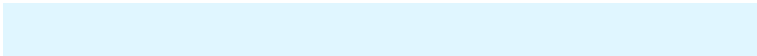
C8C595

Sweetspot

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



88CCE8



E0F6FF



88E8A3



6E7A80



000000



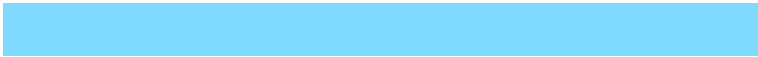
808080

Same Dimension

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



88CCE8



80DAFF



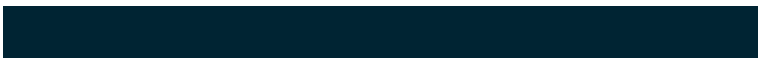
889DE8



676F73



007EB3



002433

Inverse Universe

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



E888CC



FF80DA



E8D388



73676F



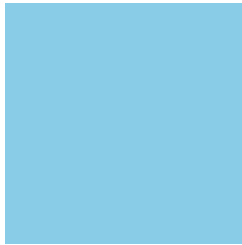
B3007E



330024

Previews

White Background



This preview shows how the Hex color 88CCE8 looks on a white background.

Color Contrast Check

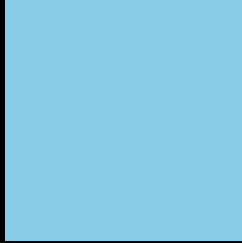
Large Text (above 18pt) WCAG AA × Fail

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 88CCE8 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 88CCE8 Background



This preview shows how black text looks on a background with the Hex color 88CCE8.

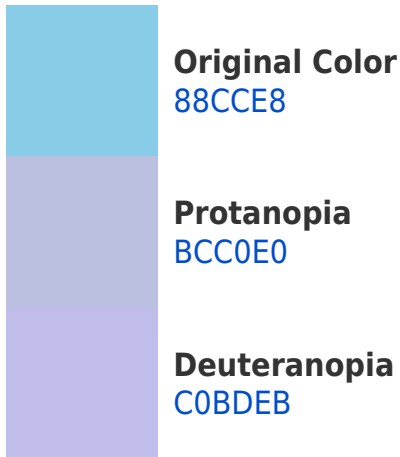


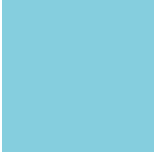
This preview shows how white text looks on a background with the Hex color 88CCE8.

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](#).

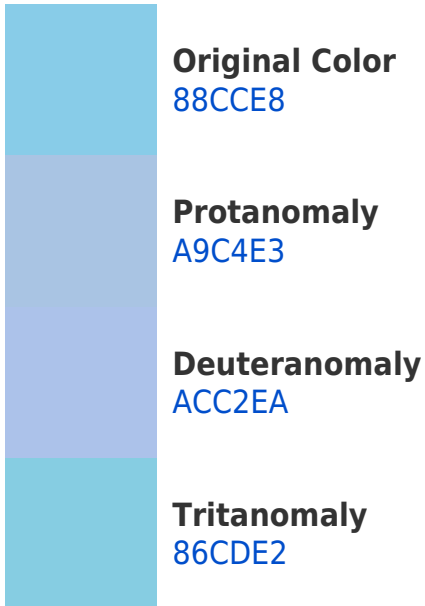
Dichromacy



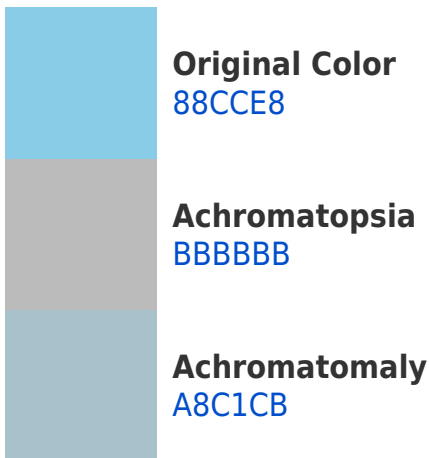


Tritanopia
85CEDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88CCE8 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 #88CCE8 looks like.

```
.text, #text, p{  
    color:#88CCE8  
}
```

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 #88CCE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88CCE8  
}
```

Border

The CSS property to change the border of an element to Hex 88CCE8 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  
#88CCE8 }
```

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

```
.border{ border-color:#88CCE8 }
```

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

Here you see how a box with a 4 pixel #88CCE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88CCE8; -webkit-box-shadow:4px 4px  
4px 4px #88CCE8; box-shadow:4px 4px 4px  
4px #88CCE8 }
```

Background

The CSS property to change the background color of an element to Hex 88CCE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88CCE8 }
```

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

```
.background{ background-color:#88CCE8 }
```

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