

Converting Colors

Hex(88CEFF)

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

Hex(88CEFF)	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(88CEFF)

Conversions

Conversions Part 1

Format	Color
Hex	88CEFF
RGB	136, 206, 255
RGB Percent	53%, 81%, 100%
CMY	0.4667, 0.1922, 0.0000
CMYK	0.47, 0.19, 0.00, 0.00
HSL	205°, 100%, 77%
HSV	205°, 47%, 100%
XYZ	50.2746, 56.5969, 102.8823
YIQ	190.6560, -57.4490, 0.3990

Conversions

Conversions Part 2

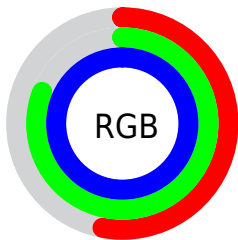
Format	Color
RYB	136, 180, 255
Decimal	8965887
CIELab	79.95, -9.22, -30.82
CIELCh	80, 32.171, 253.341
Yxy	56.5969, 0.2397, 0.2698
Android (android.graphics.Color)	4287155967 (0xFF88CEFF)
YUV	190.6560, 31.7216, -47.9333
Hunter-Lab	75.2309, -12.3676, -28.4206

Details

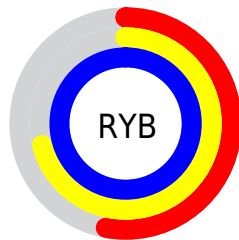
The Hex color **88CEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB988**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C2FFFF**, and **4D98C6** is the 20% darker color. If you saturate the color by 10%, you get **6FC4FF**, and if you desaturate by 10%, it is **A2D9FF**.

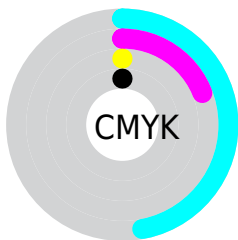
Distribution



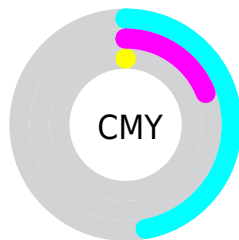
- Red (53%)
- Green (81%)
- Blue (100%)



- Red (53%)
- Yellow (71%)
- Blue (100%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 88CEFF

 88CEFF

FFFFFF

 6BB3E2

 C2FFFF

 4D98C6

 E0FFFF

 2C7EAB


FEFFFF

 006590

 004D76


 00375D

 002145

 00042F

 000119

 88CEFF

 88CEFF

 6FC4FF

 A2D9FF

 55B9FF

 BBE3FF

 3CAFFF

 D5EEFF

 22A4FF

 EE88FF

 099AFF

FFFFFF

 0096FF

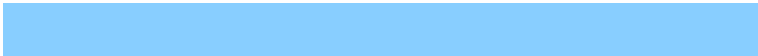
Harmonies

Analogous

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



6BD4EE



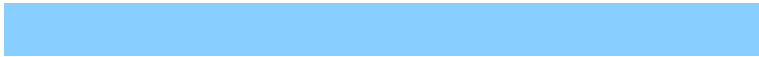
88CEFF



B3C4FF

Triad

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



88CEFF



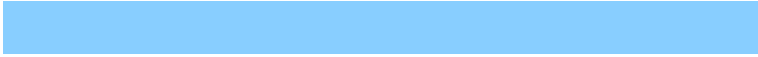
FFB0BA



ACD19A

Complementary

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



88CEFF



FFB988

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.



CEC98B



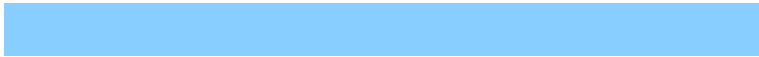
88CEFF



FDB59E

Square

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



88CEFF



F7B2D8



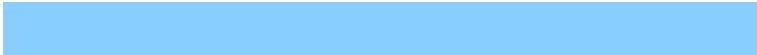
EBBF8D



8AD6B4

Rectangle

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



88CEFF



CFBDF8



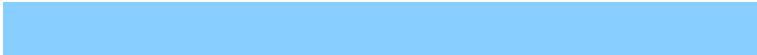
EBBF8D



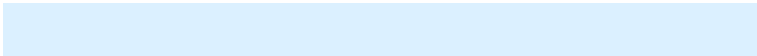
B8CE93

Sweetspot

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



88CEFF



DBF0FF



88FFB8



6A7780



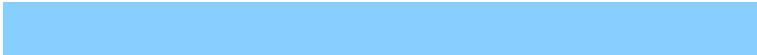
000000



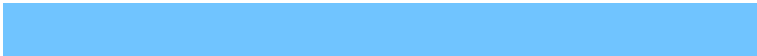
808080

Same Dimension

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



88CEFF



70C4FF



8894FF



737A80



0071BF



002640

Inverse Universe

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



FF88CE



FF70C4



FFF388



80737A



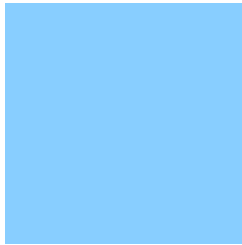
BF0070



400025

Previews

White Background



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

Color Contrast Check

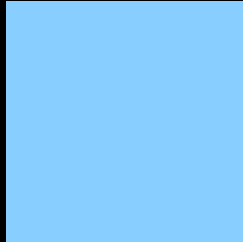
Large Text (above 18pt) WCAG AA × Fail

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 88CEFF 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 88CEFF Background



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



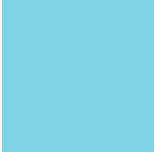
This preview shows how white text looks on a background with the Hex color 88CEFF.

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](#).

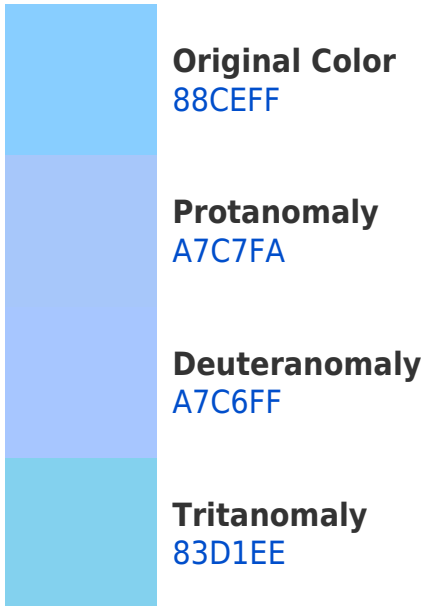
Dichromacy



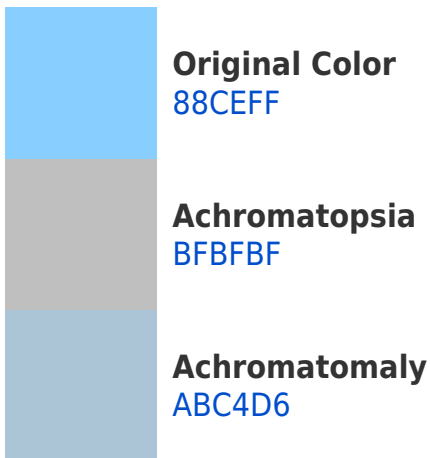


Tritanopia
80D3E4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #88CEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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