

Converting Colors

Hex(88CEF6)

Have a look what the booklet for
Hex(88CEF6) contains.

Hex(88CEF6)	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(88CEF6)

Conversions

Conversions Part 1

Format	Color
Hex	88CEF6
RGB	136, 206, 246
RGB Percent	53%, 81%, 96%
CMY	0.4667, 0.1922, 0.0353
CMYK	0.45, 0.16, 0.00, 0.04
HSL	202°, 86%, 75%
HSV	202°, 45%, 96%
XYZ	48.8592, 56.0307, 95.4286
YIQ	189.6300, -54.5600, -2.4000

Conversions

Conversions Part 2

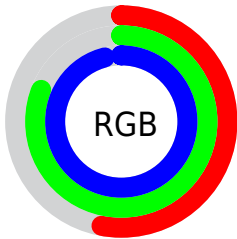
Format	Color
R _Y B	136, 179, 246
Decimal	8965878
CIE Lab	79.63, -11.67, -26.52
CIE LCh	80, 28.970, 246.245
Yxy	56.0307, 0.2439, 0.2797
Android (android.graphics.Color)	4287155958 (0xFF88CEF6)
YUV	189.6300, 27.7904, -47.0335
Hunter-Lab	74.8536, -14.4816, -23.1895

Details

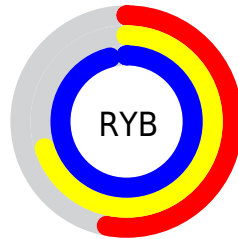
The Hex color **88CEF6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F6B088**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C2FFFF**, and **4E98BE** is the 20% darker color. If you saturate the color by 10%, you get **6FC5F6**, and if you desaturate by 10%, it is **A1D7F6**.

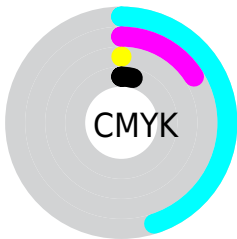
Distribution



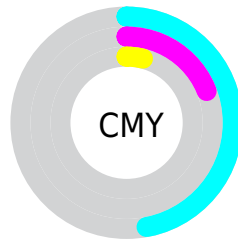
- Red (53%)
- Green (81%)
- Blue (96%)



- Red (53%)
- Yellow (70%)
- Blue (96%)



- Cyan (45%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88CEF6 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 88CEF6 by changing the saturation by 10% instead.

 88CEF6

 88CEF6

FFFFFF

 6BB3D9

 C2FFFF

 4E98BE

 DFFFFF

 2F7EA2

FDFFFF

 006588

 004D6F

 003656

 00213F

 000329

 000113

■ 88CEF6

■ 88CEF6

■ 6FC5F6

■ A1D7F6

■ 57BCF6

■ B9E0F6

■ 3EB3F6

■ D2E9F6

■ 26AAF6

■ EAF2F6

■ 0DA1F6

■ FFFBF6

■ 009DF6

■ FFFFF6

Harmonies

Analogous

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



75D3E4



88CEF6



ACC6FB

Triad

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



88CEF6



FBB2C1



B6CD99

Complementary

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



88CEF6



F6B088

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.



D3C590



88CEF6



FAB5A7

Square

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



88CEF6



EDB5DC



ECBC95



97D3AF

Rectangle

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



88CEF6



C5C0F6



ECBC95



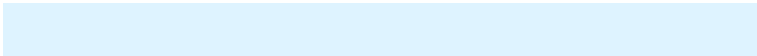
C0CB94

Sweetspot

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



88CEF6



DEF3FF



88F6AF



6B7880



000000



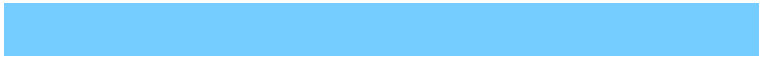
808080

Same Dimension

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



88CEF6



75CDFF



8898F6



6E767A



0076BA



00253B

Inverse Universe

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



F688CE



FF75CD



F6E588



7A6E76



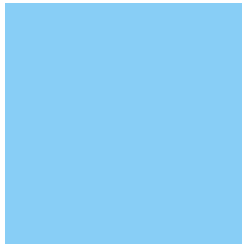
BA0076



3B0025

Previews

White Background



This preview shows how the Hex color 88CEF6 looks on a white background.

Color Contrast Check

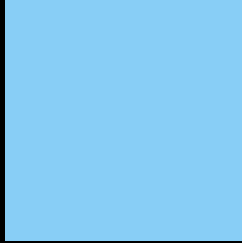
Large Text (above 18pt) WCAG AA × Fail

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 88CEF6 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 88CEF6 Background



This preview shows how black text looks on a background with the Hex color 88CEF6.



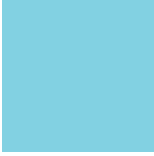
This preview shows how white text looks on a background with the Hex color 88CEF6.

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](#).

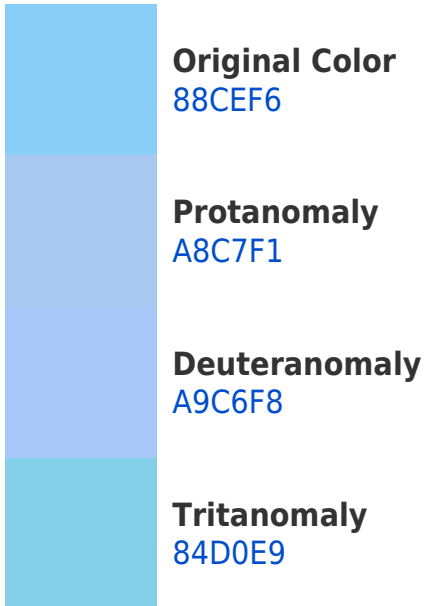
Dichromacy



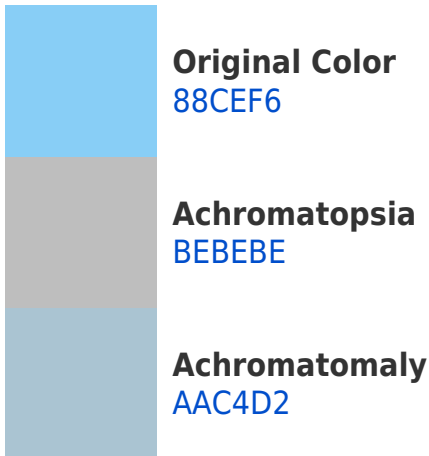


Tritanopia
82D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88CEF6 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 #88CEF6 looks like.

```
.text, #text, p{  
    color:#88CEF6  
}
```

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 #88CEF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88CEF6
}
```

Border

The CSS property to change the border of an element to Hex 88CEF6 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
#88CEF6 }
```

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

```
.border{ border-color:#88CEF6 }
```

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

Here you see how a box with a 4 pixel #88CEF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88CEF6; -webkit-box-shadow:4px 4px  
4px 4px #88CEF6; box-shadow:4px 4px 4px  
4px #88CEF6 }
```

Background

The CSS property to change the background color of an element to Hex 88CEF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88CEF6 }
```

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

```
.background{ background-color:#88CEF6 }
```

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