

Converting Colors

Hex(88E5FF)

Have a look what the booklet for
Hex(88E5FF) contains.

Hex(88E5FF)	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(88E5FF)

Conversions

Conversions Part 1

Format	Color
Hex	88E5FF
RGB	136, 229, 255
RGB Percent	53%, 90%, 100%
CMY	0.4667, 0.1020, 0.0000
CMYK	0.47, 0.10, 0.00, 0.00
HSL	193°, 100%, 77%
HSV	193°, 47%, 100%
XYZ	56.2227, 68.4929, 104.8649
YIQ	204.1570, -63.7740, -11.6300

Conversions

Conversions Part 2

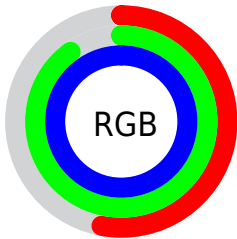
Format	Color
R_{YB}	136, 188, 255
Decimal	8971775
CIE _{Lab}	86.25, -21.02, -21.21
CIE _{LCh}	86, 29.864, 225.258
Yxy	68.4929, 0.2449, 0.2983
Android (android.graphics.Color)	4287161855 (0xFF88E5FF)
YUV	204.1570, 25.0656, -59.7737
Hunter-Lab	82.7604, -23.5681, -17.1935

Details

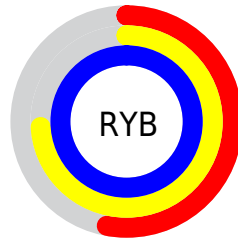
The Hex color **88E5FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA288**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **C3FFFF**, and **4CADC6** is the 20% darker color. If you saturate the color by 10%, you get **6FDFFF**, and if you desaturate by 10%, it is **A2EBFF**.

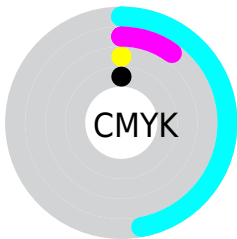
Distribution



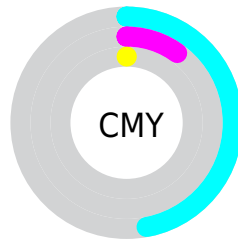
- Red (53%)
- Green (90%)
- Blue (100%)



- Red (53%)
- Yellow (74%)
- Blue (100%)



- Cyan (47%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)




- Cyan (47%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88E5FF 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 88E5FF by changing the saturation by 10% instead.

 88E5FF

 88E5FF

FFFFFF

 6BC9E2

 C3FFFF

 4CADC6

 E1FFFF

 2993AB

 007990


 006077

 00485E

 003146

 001E30

 00011B

 88E5FF

 88E5FF

 6FDFFF

 A2EBFF

 55DAFF

 BBF0FF

 3CD4FF

 D5F6FF

 22CFFF

 EEFBFF

 09C9FF

FFFFFF

 00C7FF

Harmonies

Analogous

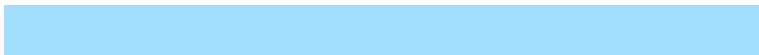
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88E8E6



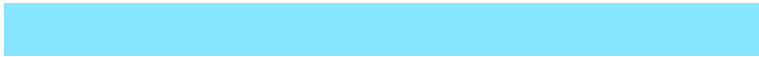
88E5FF



A2DFFF

Triad

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



88E5FF



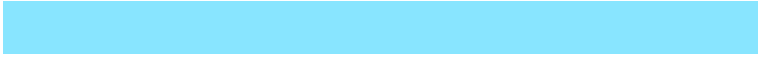
FFC5E7



DEDBA1

Complementary

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



88E5FF



FFA288

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.



F9D1A2



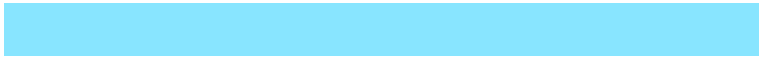
88E5FF



FFC4CA

Square

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



88E5FF



EECCFF



FFC8B1



BEE2AF

Rectangle

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



88E5FF



BCD9FF



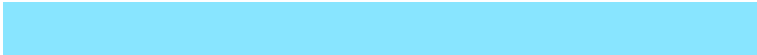
FFC8B1



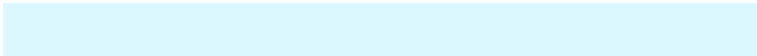
E8D89F

Sweetspot

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



88E5FF



DBF7FF



88FFA2



6A7B80



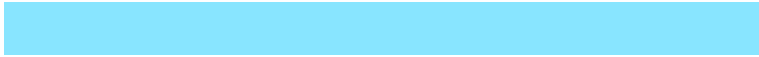
000000



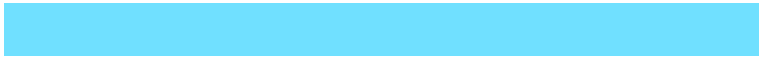
808080

Same Dimension

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



88E5FF



70E0FF



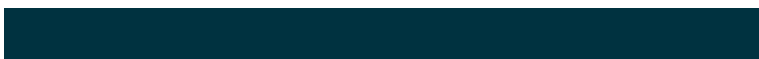
88AAFF



737D80



0095BF



003240

Inverse Universe

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



FF88E5



FF70E0



FFDD88



80737D



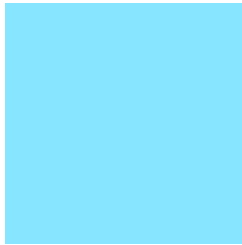
BF0095



400032

Previews

White Background



This preview shows how the Hex color 88E5FF looks on a white background.

Color Contrast Check

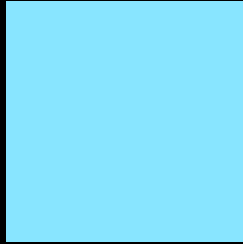
Large Text (above 18pt) WCAG AA × Fail

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 88E5FF 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 88E5FF Background



This preview shows how black text looks on a background with the Hex color 88E5FF.

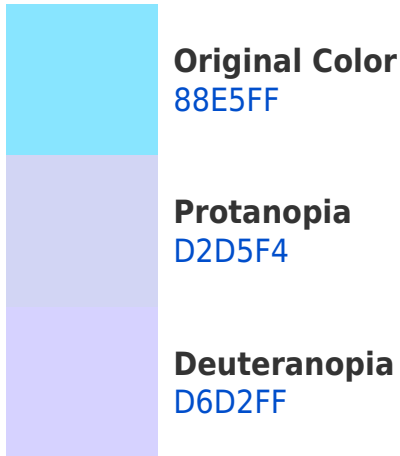


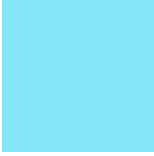
This preview shows how white text looks on a background with the Hex color 88E5FF.

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



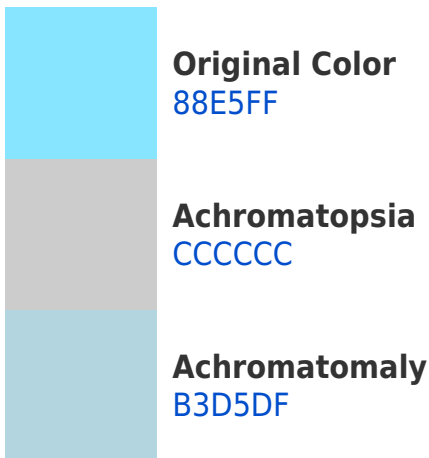


Tritanopia
86E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88E5FF 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 #88E5FF looks like.

```
.text, #text, p{  
    color:#88E5FF  
}
```

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 #88E5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88E5FF
}
```

Border

The CSS property to change the border of an element to Hex 88E5FF 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
#88E5FF }
```

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

```
.border{ border-color:#88E5FF }
```

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

Here you see how a box with a 4 pixel #88E5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88E5FF; -webkit-box-shadow:4px 4px  
4px 4px #88E5FF; box-shadow:4px 4px 4px  
4px #88E5FF }
```

Background

The CSS property to change the background color of an element to Hex 88E5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88E5FF }
```

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

```
.background{ background-color:#88E5FF }
```

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