

# Converting Colors

Hex(88E2FE)

Have a look what the booklet for  
Hex(88E2FE) contains.

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# **Color**

**Hex(88E2FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88E2FE
RGB	136, 226, 254
RGB Percent	53%, 89%, 100%
CMY	0.4667, 0.1137, 0.0039
CMYK	0.46, 0.11, 0.00, 0.00
HSL	194°, 98%, 76%
HSV	194°, 46%, 100%
XYZ	55.2391, 66.7827, 103.7449
YIQ	202.2820, -62.6280, -10.3720

# Conversions

## Conversions Part 2

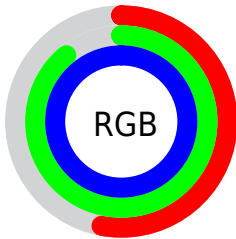
Format	Color
R <sub>Y</sub> B	136, 187, 254
Decimal	8971006
CIE Lab	85.39, -19.78, -21.99
CIE LCh	85, 29.577, 228.017
Yxy	66.7827, 0.2447, 0.2958
Android (android.graphics.Color)	4287161086 (0xFF88E2FE)
YUV	202.2820, 25.4970, -58.1293
Hunter-Lab	81.7207, -22.3541, -18.0645

# Details

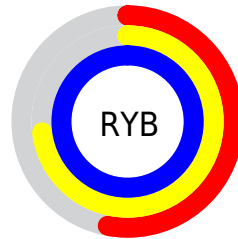
The Hex color **88E2FE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FEA488**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C3FFFF**, and **4CABC5** is the 20% darker color. If you saturate the color by 10%, you get **6FDCFE**, and if you desaturate by 10%, it is **A1E8FE**.

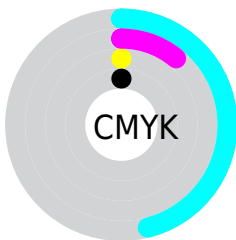
# Distribution



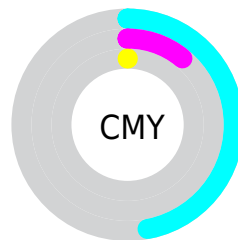
- Red (53%)
- Green (89%)
- Blue (100%)



- Red (53%)
- Yellow (73%)
- Blue (100%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88E2FE 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 88E2FE by changing the saturation by 10% instead.



 88E2FE

 88E2FE

FFFFFF

 6BC6E1

 C3FFFF

 4CABC5

 E0FFFF

 2A90AA

FEFFFF

 00768F

 005D76


 00465D

 002F45

 001C2F

 00011A

 88E2FE

 88E2FE

 6FDCFE

 A1E8FE

 55D6FE

 BBEEFE

 3CD0FE

 D4F4FE

 22CAFE

 EEFAFE

 09C4FE

FFFFFFE

 00C2FE

# Harmonies

## Analogous

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



85E5E6



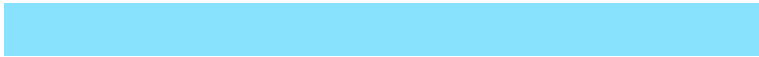
88E2FE



A4DBFF

# Triad

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



88E2FE



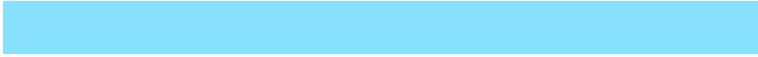
FFC2E2



D8D9A0

# Complementary

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



88E2FE



FEA488

# 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.



F4D09F



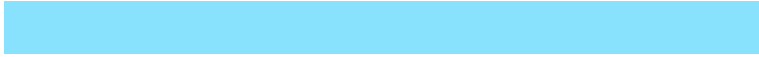
88E2FE



FFC2C5

# Square

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



88E2FE



EEC9FB



FFC7AD



B9E0AF

# Rectangle

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



88E2FE



BED5FF



FFC7AD

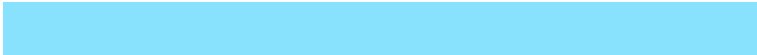


E2D69E

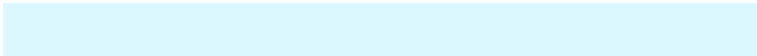


# Sweetspot

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



88E2FE



DBF7FF



88FEA4



6A7A80



000000

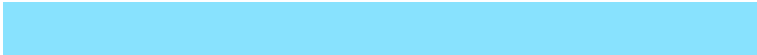


808080

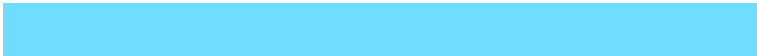


# Same Dimension

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



88E2FE



70DDFF



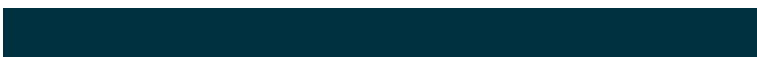
88A7FE



737C80



0092BF



003140



# Inverse Universe

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



FE88E2



FF70DD



FEDF88



80737C



BF0092

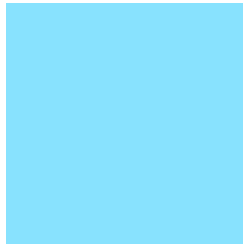


400031



# Previews

## White Background



This preview shows how the Hex color 88E2FE looks on a white background.

## Color Contrast Check

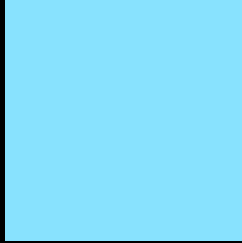
Large Text (above 18pt) WCAG AA × Fail

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 88E2FE 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 88E2FE Background



This preview shows how black text looks on a background with the Hex color 88E2FE.

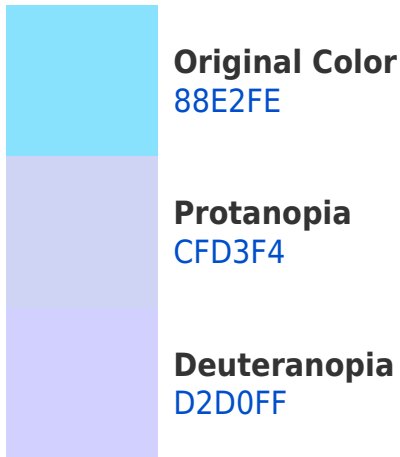


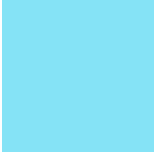
This preview shows how white text looks on a background with the Hex color 88E2FE.

# 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](#).

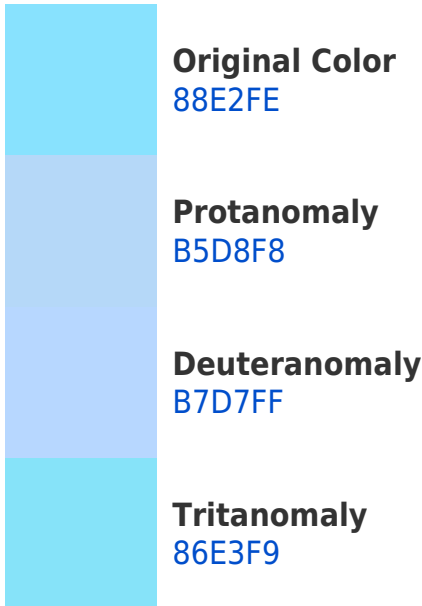
## Dichromacy



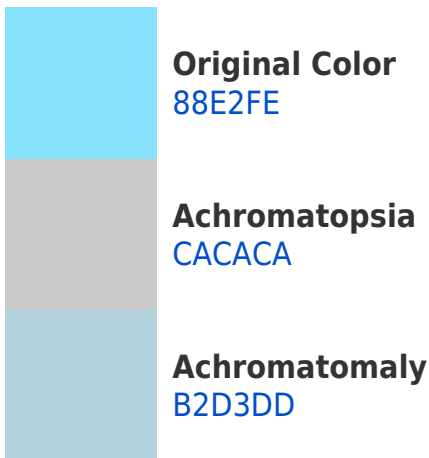


**Tritanopia**  
85E3F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88E2FE 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 #88E2FE looks like.

```
.text, #text, p{  
    color:#88E2FE  
}
```

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 #88E2FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88E2FE
}
```

## Border

The CSS property to change the border of an element to Hex 88E2FE 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
#88E2FE }
```

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

```
.border{ border-color:#88E2FE }
```

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

Here you see how a box with a 4 pixel #88E2FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88E2FE; -webkit-box-shadow:4px 4px  
4px 4px #88E2FE; box-shadow:4px 4px 4px  
4px #88E2FE }
```

# Background

The CSS property to change the background color of an element to Hex 88E2FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88E2FE }
```

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

```
.background{ background-color:#88E2FE }
```

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](#).



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