

Converting Colors

Hex(87E1FF)

Have a look what the booklet for
Hex(87E1FF) contains.

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Color

Hex(87E1FF)

Conversions

Conversions Part 1

Format	Color
Hex	87E1FF
RGB	135, 225, 255
RGB Percent	53%, 88%, 100%
CMY	0.4706, 0.1176, 0.0000
CMYK	0.47, 0.12, 0.00, 0.00
HSL	195°, 100%, 76%
HSV	195°, 47%, 100%
XYZ	54.9669, 66.2213, 104.4927
YIQ	201.5100, -63.2700, -9.7500

Conversions

Conversions Part 2

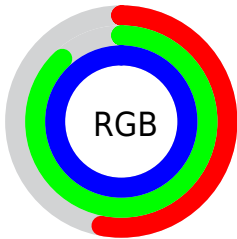
Format	Color
RYB	135, 186, 255
Decimal	8905215
CIELab	85.11, -19.24, -22.95
CIElCh	85, 29.949, 230.020
Yxy	66.2213, 0.2436, 0.2934
Android (android.graphics.Color)	4287095295 (0xFF87E1FF)
YUV	201.5100, 26.3706, -58.3293
Hunter-Lab	81.3765, -21.8385, -19.1687

Details

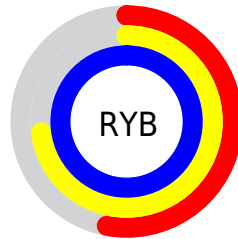
The Hex color **87E1FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA587**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C2FFFF**, and **4BAAC6** is the 20% darker color. If you saturate the color by 10%, you get **6EDBFF**, and if you desaturate by 10%, it is **A1E7FF**.

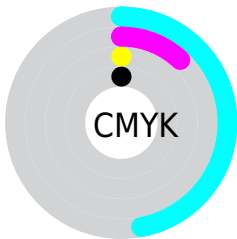
Distribution



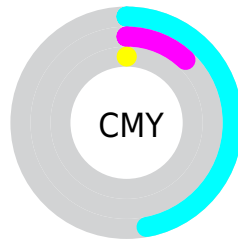
- Red (53%)
- Green (88%)
- Blue (100%)



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



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E1FF 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 87E1FF by changing the saturation by 10% instead.

 87E1FF

FFFFFF

 C2FFFF

 DFFFFFF

FEFFFF

 87E1FF

 6AC5E2

 4BAAC6

 278FAB

 007590

 005D77

 00455E

 002E46

 001B2F

 00011B

 87E1FF

 87E1FF

 6EDBFF

 A1E7FF

 54D4FF


 BAEEFF

 3ACEFF

 D4F4FF

 21C8FF

 EDFBFF

 08C1FF

FFFFFF

 00BFFF

Harmonies

Analogous

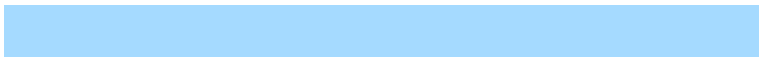
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82E4E7



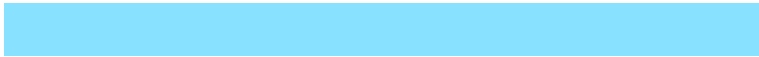
87E1FF



A5DAFF

Triad

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



87E1FF



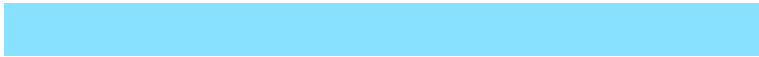
FFC1DF



D6D99F

Complementary

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



87E1FF



FFA587

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.



F2D09D



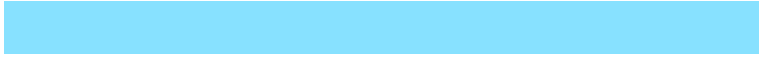
87E1FF



FFC1C3

Square

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



87E1FF



F0C7F9



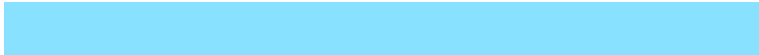
FFC6AA



B5E0AF

Rectangle

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



87E1FF



BFD4FF



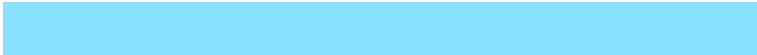
FFC6AA



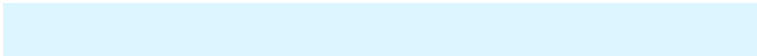
E0D69D

Sweetspot

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



87E1FF



DBF6FF



87FFA5



6A7A80



000000



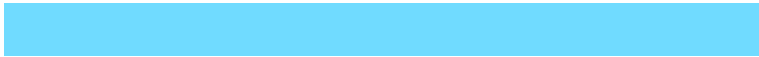
808080

Same Dimension

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



87E1FF



70DBFF



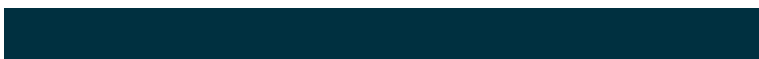
87A5FF



737C80



008FBF



003040

Inverse Universe

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



FF87E1



FF70DB



FFE187



80737C



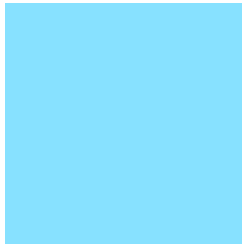
BF008F



400030

Previews

White Background



This preview shows how the Hex color 87E1FF looks on a white background.

Color Contrast Check

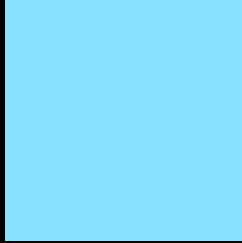
Large Text (above 18pt) WCAG AA × Fail

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 87E1FF 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 87E1FF Background



This preview shows how black text looks on a background with the Hex color 87E1FF.

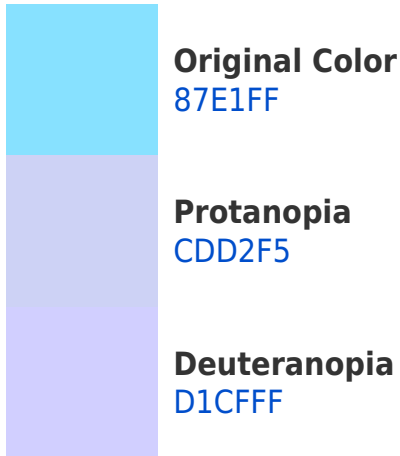


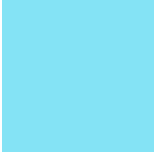
This preview shows how white text looks on a background with the Hex color 87E1FF.

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



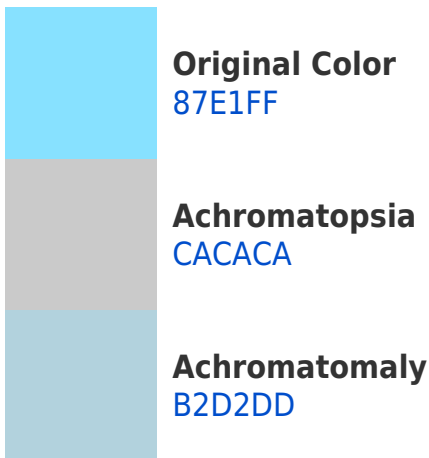


Tritanopia
84E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87E1FF 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 #87E1FF looks like.

```
.text, #text, p{  
    color:#87E1FF  
}
```

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 #87E1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E1FF
}
```

Border

The CSS property to change the border of an element to Hex 87E1FF 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
#87E1FF }
```

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

```
.border{ border-color:#87E1FF }
```

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

Here you see how a box with a 4 pixel #87E1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E1FF; -webkit-box-shadow:4px 4px  
4px 4px #87E1FF; box-shadow:4px 4px 4px  
4px #87E1FF }
```

Background

The CSS property to change the background color of an element to Hex 87E1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E1FF }
```

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

```
.background{ background-color:#87E1FF }
```

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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