

Converting Colors

Hex(87AEFF)

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

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Color

Hex(87AEFF)

Conversions

Conversions Part 1

Format	Color
Hex	87AEFF
RGB	135, 174, 255
RGB Percent	53%, 68%, 100%
CMY	0.4706, 0.3176, 0.0000
CMYK	0.47, 0.32, 0.00, 0.00
HSL	220°, 100%, 76%
HSV	220°, 47%, 100%
XYZ	43.1777, 42.6430, 100.5630
YIQ	171.5730, -49.2450, 16.9230

Conversions

Conversions Part 2

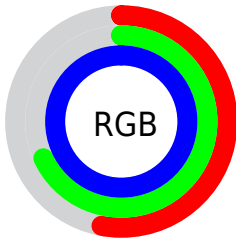
Format	Color
RYB	135, 164, 255
Decimal	8892159
CIELab	71.31, 8.02, -44.23
CIElCh	71, 44.954, 280.277
Yxy	42.6430, 0.2317, 0.2288
Android (android.graphics.Color)	4287082239 (0xFF87AEFF)
YUV	171.5730, 41.1295, -32.0745
Hunter-Lab	65.3016, 3.7472, -45.5941

Details

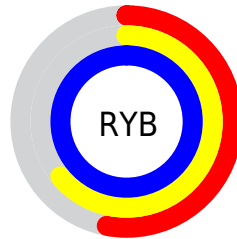
The Hex color **87AEFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFD887**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C1E5FF**, and **4D7AC6** is the 20% darker color. If you saturate the color by 10%, you get **6E9DFF**, and if you desaturate by 10%, it is **A1BFFF**.

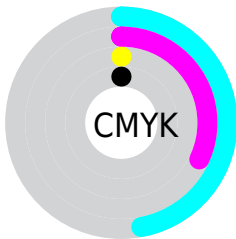
Distribution



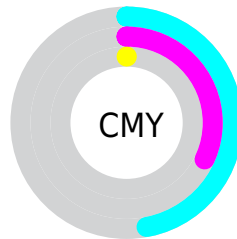
- Red (53%)
- Green (68%)
- Blue (100%)



- Red (53%)
- Yellow (64%)
- Blue (100%)



- Cyan (47%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 87AEFF

 87AEFF

FFFFFF

 6A94E2

 C1E5FF

 4D7AC6

 DEFFFF

 2C61AA

 FCFFFF

 004A8F

 003475

 00205C

 000644

 00032D

 000118

■ 87AEFF

■ 87AEFF

■ 6E9DFF

■ A1BFFF

■ 548CFF

■ BAD0FF

■ 3A7AFF

■ D4E2FF

■ 2169FF

■ EDF3FF

■ 0858FF

FFFFFF

■ 0053FF

Harmonies

Analogous

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



25BAFB



87AEFF



C59FED

Triad

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



87AEFF



F7957C



57C292

Complementary

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



87AEFF



FFD887

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.



8EBC6E



87AEFF



DFA361

Square

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



87AEFF



FD8DA2



BBB15C



00C4BC

Rectangle

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



87AEFF



E295D8



BBB15C



6BC085

Sweetspot

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



87AEFF



DBE7FF



87FFD7



6A7180



000000



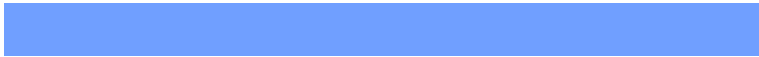
808080

Same Dimension

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



87AEFF



709FFF



9B87FF



737780



003EBF



001540

Inverse Universe

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



FF87AE



FF709F



EBFF87



807377



BF003E



400015

Previews

White Background



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

Color Contrast Check

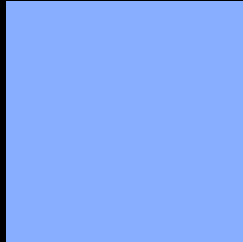
Large Text (above 18pt) WCAG AA × Fail

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 87AEFF 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

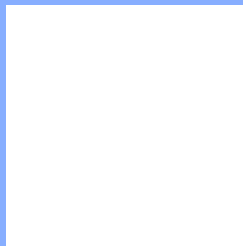
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87AEFF Background



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



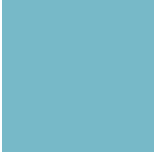
This preview shows how white text looks on a background with the Hex color 87AEFF.

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](#).

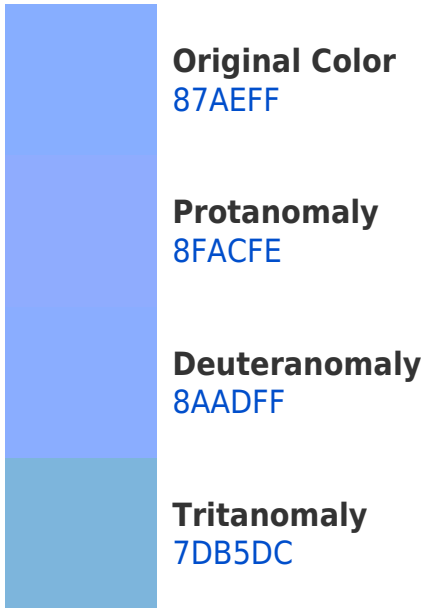
Dichromacy



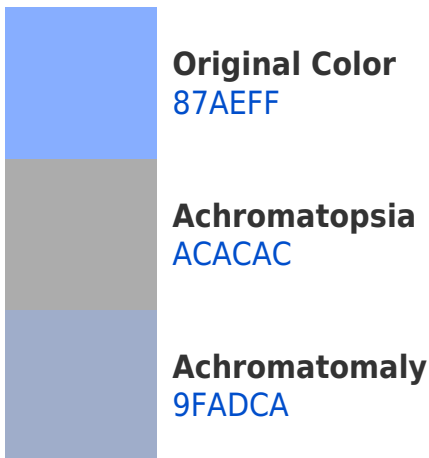


Tritanopia
77B9C8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #87AEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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