

Converting Colors

Hex(88BDFF)

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

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Color

Hex(88BDFF)

Conversions

Conversions Part 1

Format	Color
Hex	88BDFF
RGB	136, 189, 255
RGB Percent	53%, 74%, 100%
CMY	0.4667, 0.2588, 0.0000
CMYK	0.47, 0.26, 0.00, 0.00
HSL	213°, 100%, 77%
HSV	213°, 47%, 100%
XYZ	46.4009, 48.8494, 101.5910
YIQ	180.6770, -52.7740, 9.2900

Conversions

Conversions Part 2

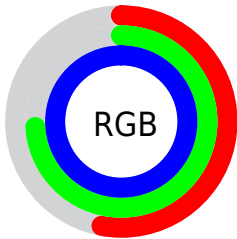
Format	Color
R _Y B	136, 173, 255
Decimal	8961535
CIE Lab	75.36, -0.08, -37.92
CIE LCh	75, 37.919, 269.876
Yxy	48.8494, 0.2357, 0.2482
Android (android.graphics.Color)	4287151615 (0xFF88BDFF)
YUV	180.6770, 36.6412, -39.1817
Hunter-Lab	69.8924, -3.8070, -37.2555

Details

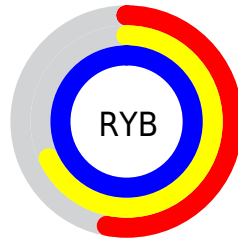
The Hex color **88BDFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCA88**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C2F5FF**, and **4E88C6** is the 20% darker color. If you saturate the color by 10%, you get **6FAFFF**, and if you desaturate by 10%, it is **A2CBFF**.

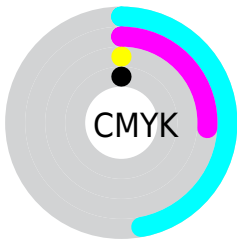
Distribution



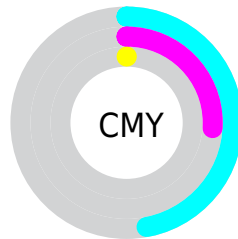
- Red (53%)
- Green (74%)
- Blue (100%)



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



- Cyan (47%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 88BDFF

 88BDFF

FFFFFF

 6BA2E2

 C2F5FF

 4E88C6

 DFFFFF

 2D6FAA

FDFFFF

 005790

 004076

 002A5D

 001645

 00042E

 000118

■ 88BDFF

■ 88BDFF

■ 6FAFFF

■ A2CBFF

■ 55A1FF

■ BBD9FF

■ 3C93FF

■ D5E7FF

■ 2284FF

■ EEF6FF

■ 0976FF

FFFFFF

■ 0072FF

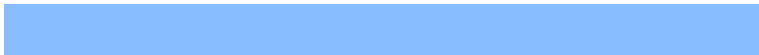
Harmonies

Analogous

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



4FC6F5



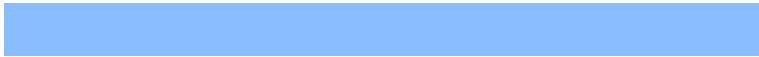
88BDFE



BEB1F6

Triad

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



88BDFE



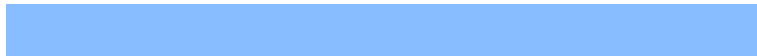
FDA299



83C995

Complementary

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



88BDFE



FFC888

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.



ADC27C



88BDFF



EDAB7E

Square

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



88BDFE



FB9FBB



D1B773



57CCB8

Rectangle

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



88BDFE



DAA8E7



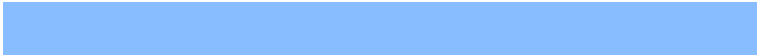
D1B773



91C78B

Sweetspot

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



88BDFE



DBEBFF



88FFC9



6A7380



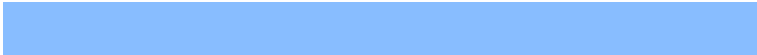
000000



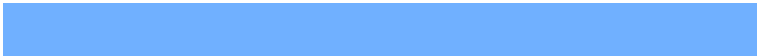
808080

Same Dimension

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



88BDFE



70B0FF



8E88FF



737880



0055BF



001C40

Inverse Universe

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



FF88BD



FF70B0



F9FF88



807378



BF0055



40001C

Previews

White Background



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

Color Contrast Check

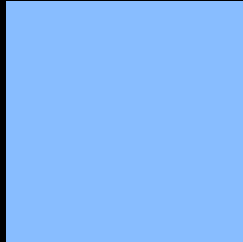
Large Text (above 18pt) WCAG AA × Fail

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 88BDFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

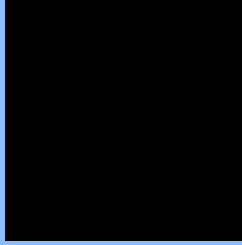
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

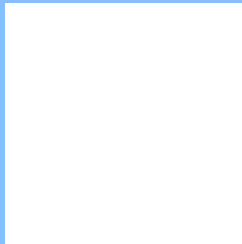
Any Text WCAG AAA ✓ Pass

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

Hex 88BDFF Background



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

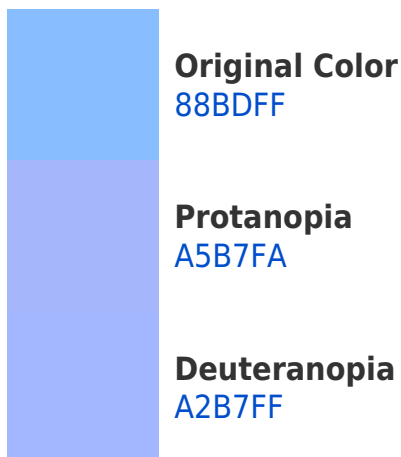


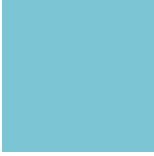
This preview shows how white text looks on a background with the Hex color 88BDFF.

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](#).

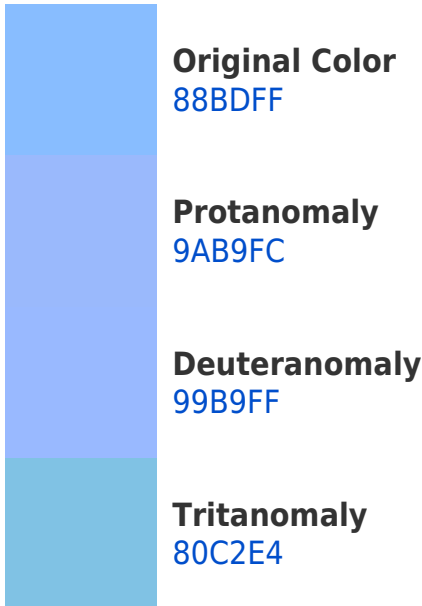
Dichromacy



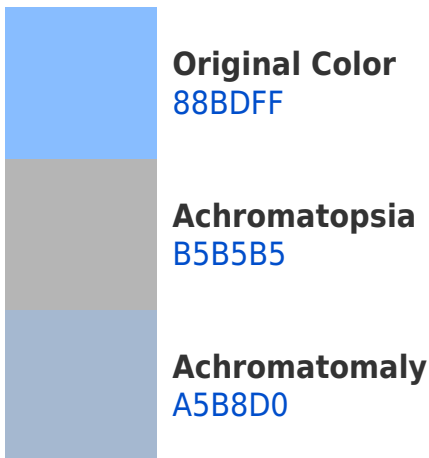


Tritanopia
7BC5D5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #88BDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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