

# Converting Colors

Hex(84D3FF)

Have a look what the booklet for  
Hex(84D3FF) contains.

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# **Color**

**Hex(84D3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84D3FF
RGB	132, 211, 255
RGB Percent	52%, 83%, 100%
CMY	0.4824, 0.1725, 0.0000
CMYK	0.48, 0.17, 0.00, 0.00
HSL	201°, 100%, 76%
HSV	201°, 48%, 100%
XYZ	50.8600, 58.7141, 103.2601
YIQ	192.3950, -61.2080, -3.0640

# Conversions

## Conversions Part 2

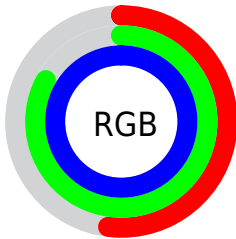
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 180, 255
Decimal	8705023
CIE <sub>Lab</sub>	81.13, -12.75, -29.02
CIE <sub>LCh</sub>	81, 31.702, 246.278
Yxy	58.7141, 0.2390, 0.2759
Android (android.graphics.Color)	4286895103 (0xFF84D3FF)
YUV	192.3950, 30.8643, -52.9664
Hunter-Lab	76.6251, -15.6144, -26.2617

# Details

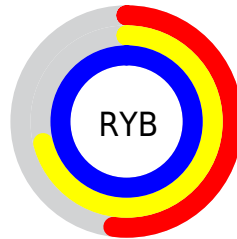
The Hex color **84D3FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB084**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BFFFFFF**, and **489CC6** is the 20% darker color. If you saturate the color by 10%, you get **6BCAFF**, and if you desaturate by 10%, it is **9EDCFF**.

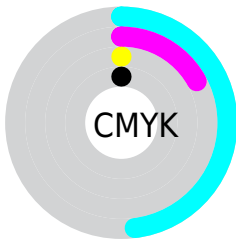
# Distribution



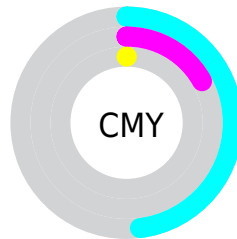
- Red (52%)
- Green (83%)
- Blue (100%)



- Red (52%)
- Yellow (71%)
- Blue (100%)



- Cyan (48%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84D3FF 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 84D3FF by changing the saturation by 10% instead.



 84D3FF

 84D3FF

FFFFFF

 67B7E2

 BFFFFFF

 489CC6

 DCFFFF

 2482AB

 FAFFFF

 006990

 005176

 003A5D

 002546

 000B2F

 00011A

■ 84D3FF

■ 84D3FF

■ 6BCAFF

■ 9EDCFF

■ 51C1FF

■ B7E5FF

■ 38B8FF

■ D1EEFF

■ 1EAFFF

■ EAF7FF

■ 05A5FF

FFFFFF

■ 00A4FF

# Harmonies

## Analogous

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



6ED8EC



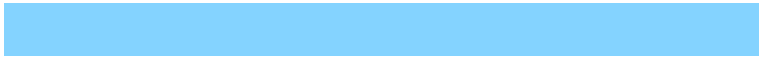
84D3FF



ADCAFF

# Triad

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



84D3FF



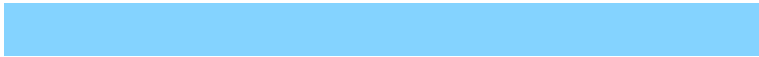
FFB4C4



B8D299

# Complementary

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



84D3FF



FFB084

# 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.



D9CA8E



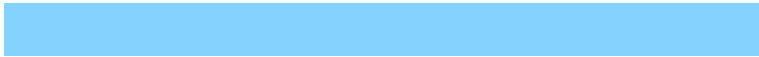
84D3FF



FFB7A8

# Square

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



84D3FF



F5B7E2



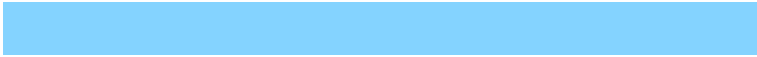
F3C094



96D8B1

# Rectangle

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



84D3FF



C9C3FF



F3C094

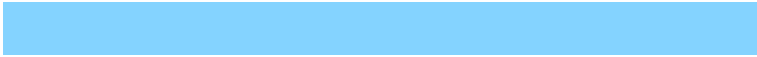


C3D094

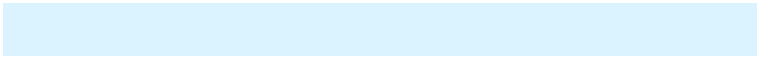


# Sweetspot

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



84D3FF



DBF2FF



84FFAF



6A7880



000000

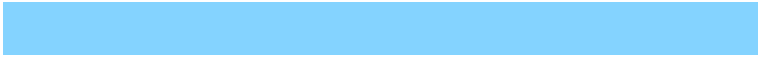


808080

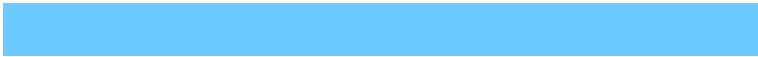


# Same Dimension

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



84D3FF



6BCAFF



8496FF



737B80



007BBF



002940



# Inverse Universe

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



FF84D3



FF6BCA



FFED84



80737B



BF007B

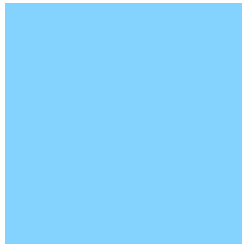


400029



# Previews

## White Background



This preview shows how the Hex color 84D3FF looks on a white background.

## Color Contrast Check

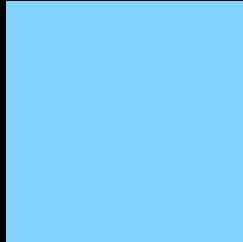
Large Text (above 18pt) WCAG AA × Fail

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 84D3FF 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

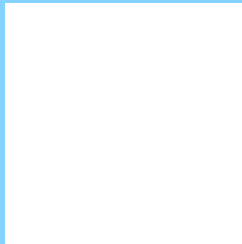
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84D3FF Background



This preview shows how black text looks on a background with the Hex color 84D3FF.

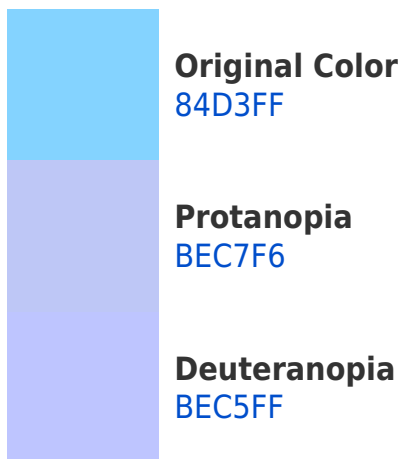


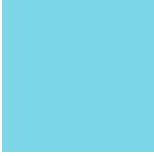
This preview shows how white text looks on a background with the Hex color 84D3FF.

# 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](#).

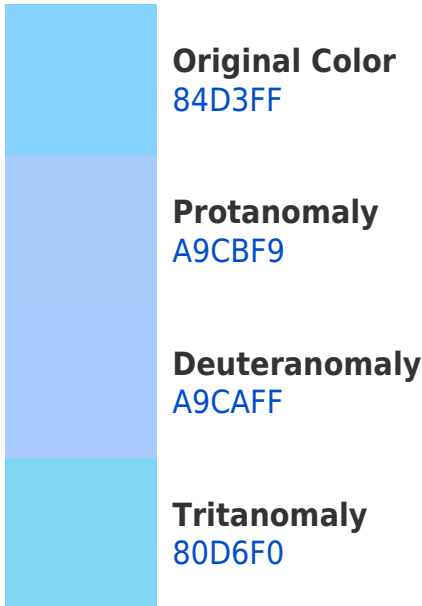
## Dichromacy



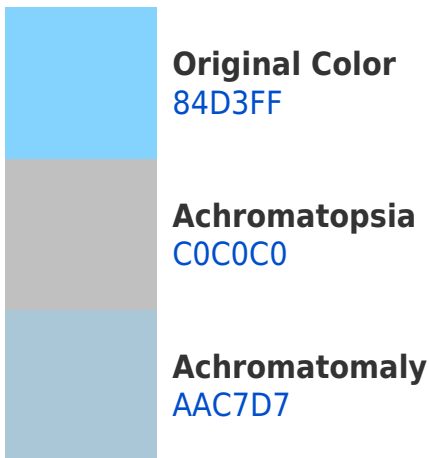


**Tritanopia**  
7DD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84D3FF 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 #84D3FF looks like.

```
.text, #text, p{  
    color:#84D3FF  
}
```

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 #84D3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D3FF  
}
```

## Border

The CSS property to change the border of an element to Hex 84D3FF 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  
#84D3FF }
```

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

```
.border{ border-color:#84D3FF }
```

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

Here you see how a box with a 4 pixel #84D3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D3FF; -webkit-box-shadow:4px 4px  
4px 4px #84D3FF; box-shadow:4px 4px 4px  
4px #84D3FF }
```

# Background

The CSS property to change the background color of an element to Hex 84D3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D3FF }
```

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

```
.background{ background-color:#84D3FF }
```

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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