

Converting Colors

Hex(84DAF7)

Have a look what the booklet for
Hex(84DAF7) contains.

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Color

Hex(84DAF7)

Conversions

Conversions Part 1

Format	Color
Hex	84DAF7
RGB	132, 218, 247
RGB Percent	52%, 85%, 97%
CMY	0.4824, 0.1451, 0.0314
CMYK	0.47, 0.12, 0.00, 0.03
HSL	195°, 88%, 74%
HSV	195°, 47%, 97%
XYZ	51.3756, 61.7637, 97.2095
YIQ	195.5920, -60.5650, -9.2130

Conversions

Conversions Part 2

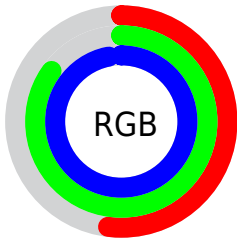
Format	Color
RYB	132, 181, 247
Decimal	8706807
CIELab	82.79, -18.51, -22.26
CIELCh	83, 28.950, 230.247
Yxy	61.7637, 0.2442, 0.2936
Android (android.graphics.Color)	4286896887 (0xFF84DAF7)
YUV	195.5920, 25.3441, -55.7702
Hunter-Lab	78.5899, -20.8437, -18.3241

Details

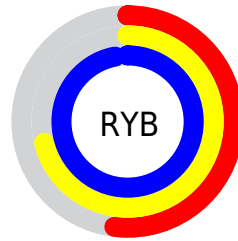
The Hex color **84DAF7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F7A184**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BEFFFF**, and **49A3BF** is the 20% darker color. If you saturate the color by 10%, you get **6BD4F7**, and if you desaturate by 10%, it is **9DE0F7**.

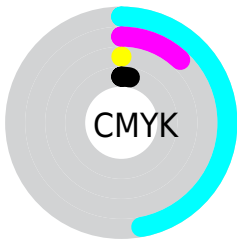
Distribution



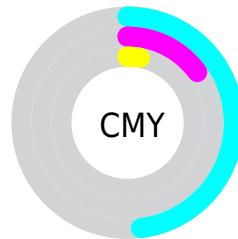
- Red (52%)
- Green (85%)
- Blue (97%)



- Red (52%)
- Yellow (71%)
- Blue (97%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (48%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84DAF7 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 84DAF7 by changing the saturation by 10% instead.

 84DAF7

 84DAF7

FFFFFF

 67BEDA


 BEFFFF

 49A3BF

 DCFFFF

 2689A3

 FAFFFF

 006F89

 005770

 003F57

 002940

 00132A

 000115

■ 84DAF7

■ 84DAF7

■ 6BD4F7

■ 9DE0F7

■ 53CEF7

■ B5E6F7

■ 3AC7F7

■ CEEDF7

■ 21C1F7

■ E7F3F7

■ 09BBF7

■ FFF9F7

■ 00B9F7

■ FFFFF7

Harmonies

Analogous

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



7FDDE0



84DAF7



A1D3FF

Triad

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



84DAF7



FFBBD8



CFD29B

Complementary

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



84DAF7



F7A184

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.



EAC999



84DAF7



FFBBBD

Square

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



84DAF7



E8C1F1



FEC1A5



B0D9AB

Rectangle

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



84DAF7



BACDFF



FEC1A5



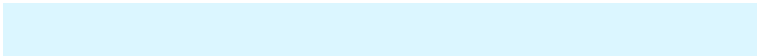
D9CF98

Sweetspot

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



84DAF7



DBF6FF



84F7A1



6A7A80



000000



808080

Same Dimension

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



84DAF7



70DBFF



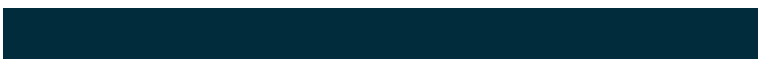
84A1F7



6E777A



008BBA



002C3B

Inverse Universe

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



F784DA



FF70DB



F7DA84



7A6E77



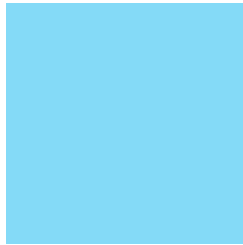
BA008B



3B002C

Previews

White Background



This preview shows how the Hex color 84DAF7 looks on a white background.

Color Contrast Check

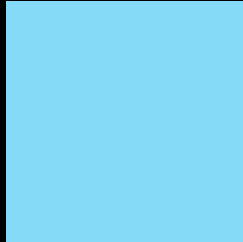
Large Text (above 18pt) WCAG AA × Fail

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 84DAF7 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 84DAF7 Background



This preview shows how black text looks on a background with the Hex color 84DAF7.

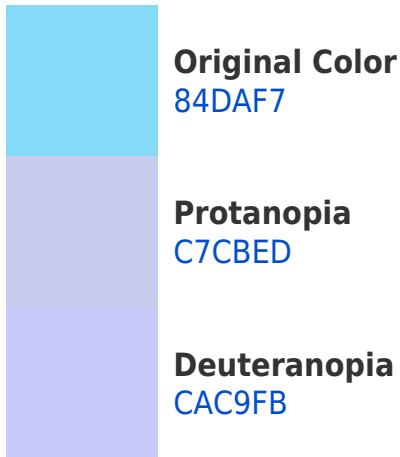


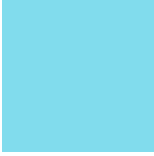
This preview shows how white text looks on a background with the Hex color 84DAF7.

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](#).

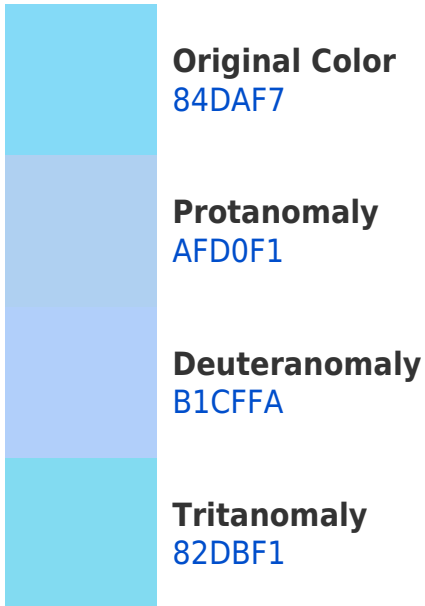
Dichromacy



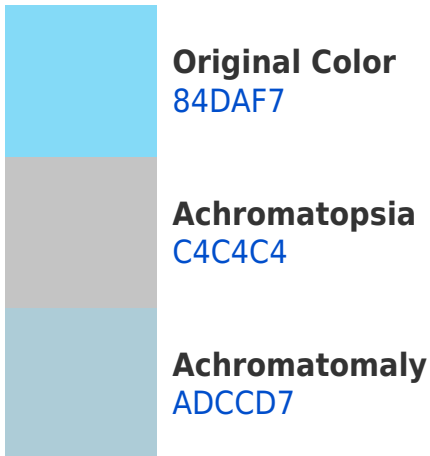


Tritanopia
81DCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84DAF7 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 #84DAF7 looks like.

```
.text, #text, p{  
    color:#84DAF7  
}
```

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 #84DAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84DAF7
}
```

Border

The CSS property to change the border of an element to Hex 84DAF7 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
#84DAF7 }
```

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

```
.border{ border-color:#84DAF7 }
```

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

Here you see how a box with a 4 pixel #84DAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84DAF7; -webkit-box-shadow:4px 4px  
4px 4px #84DAF7; box-shadow:4px 4px 4px  
4px #84DAF7 }
```

Background

The CSS property to change the background color of an element to Hex 84DAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84DAF7 }
```

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

```
.background{ background-color:#84DAF7 }
```

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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