

Converting Colors

Hex(84AFD5)

Have a look what the booklet for
Hex(84AFD5) contains.

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Color

Hex(84AFD5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 84AFD5 |
| RGB | 132, 175, 213 |
| RGB Percent | 52%, 69%, 84% |
| CMY | 0.4824, 0.3137, 0.1647 |
| CMYK | 0.38, 0.18, 0.00, 0.16 |
| HSL | 208°, 49%, 68% |
| HSV | 208°, 38%, 84% |
| XYZ | 36.8559, 40.3696, 68.8004 |
| YIQ | 166.4750, -37.8260, 2.7020 |

Conversions

Conversions Part 2

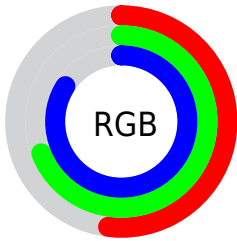
| Format | Color |
|-------------------------------------|---|
| RYB | 132, 160, 213 |
| Decimal | 8695765 |
| CIELab | 69.73, -4.93, -23.81 |
| CIElCh | 70, 24.313, 258.310 |
| Yxy | 40.3696, 0.2524, 0.2765 |
| Android (android.graphics.Color) | 4286885845 (0xFF84AFD5) |
| YUV | 166.4750, 22.9368, -30.2346 |
| Hunter-Lab | 63.5371, -7.6474, -19.7256 |

Details

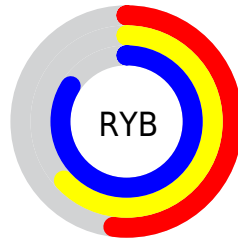
The Hex color **84AFD5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D5AA84**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BBE6FF**, and **4E7B9E** is the 20% darker color. If you saturate the color by 10%, you get **6FA5D5**, and if you desaturate by 10%, it is **99B9D5**.

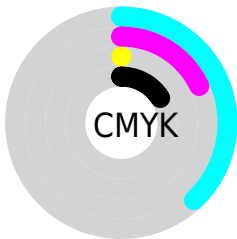
Distribution



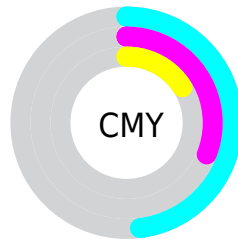
- Red (52%)
- Green (69%)
- Blue (84%)



- Red (52%)
- Yellow (63%)
- Blue (84%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (48%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84AFD5 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 84AFD5 by changing the saturation by 10% instead.

84AFD5

84AFD5

FFFFFF

6994B9

BBE6FF

4E7B9E

D8FFFF

336284

F5FFFF

154A6B

003452

001F3B

000226

00010E

000000

 84AFD5

 84AFD5

 6FA5D5

 99B9D5

 599BD5

 AFC3D5

 4491D5

 C4CDD5

 2F87D5

 D9D7D5

 1A7DD5

 EFE1D5

 0473D5

 FFEBD5

 0071D5

 FFF5D5

 FFFF5D5

Harmonies

Analogous

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



6EB4CB



84AFD5



A2A8D4

Triad

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



84AFD5



D89B9D



93B38C

Complementary

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



84AFD5



D5AA84

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.



ADAD80



84AFD5



D29F8A

Square

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



84AFD5



D19BB4



C3A680



7BB6A1

Rectangle

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



84AFD5



B6A3CD



C3A680



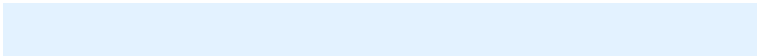
9CB187

Sweetspot

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



84AFD5



E3F2FF



84D5AA



6F7880



000000



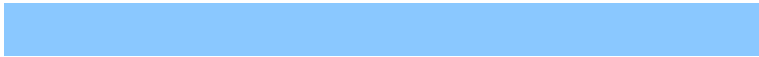
808080

Same Dimension

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



84AFD5



8AC8FF



8487D5



60666B



005BAB



00172B

Inverse Universe

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



D584AF



FF8AC8



D5D284



6B6066



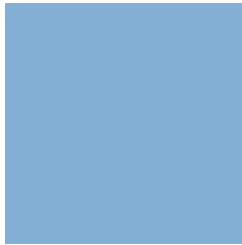
AB005B



2B0017

Previews

White Background



This preview shows how the Hex color 84AFD5 looks on a white background.

Color Contrast Check

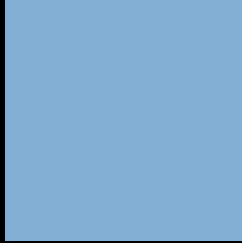
Large Text (above 18pt) WCAG AA × Fail

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 84AFD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

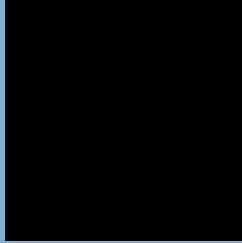
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

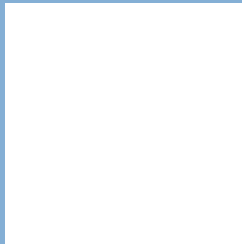
Any Text WCAG AAA ✓ Pass

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

Hex 84AFD5 Background



This preview shows how black text looks on a background with the Hex color 84AFD5.

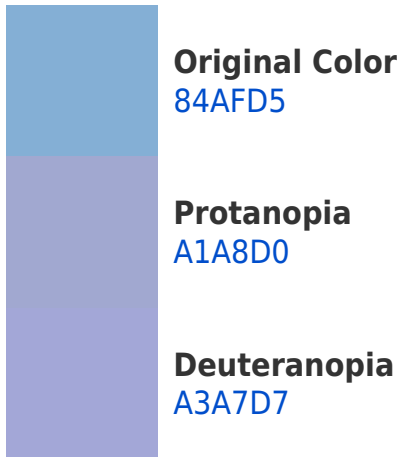


This preview shows how white text looks on a background with the Hex color 84AFD5.

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](#).

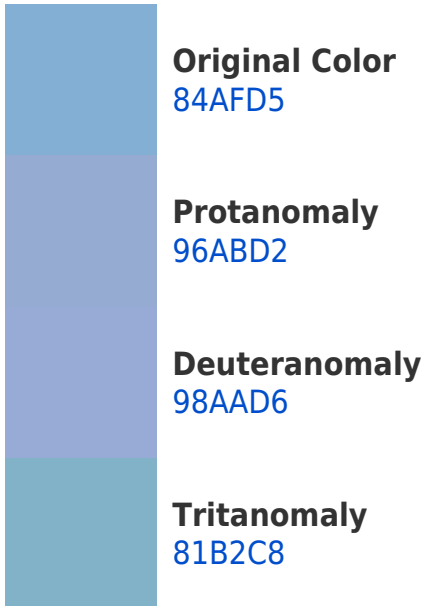
Dichromacy



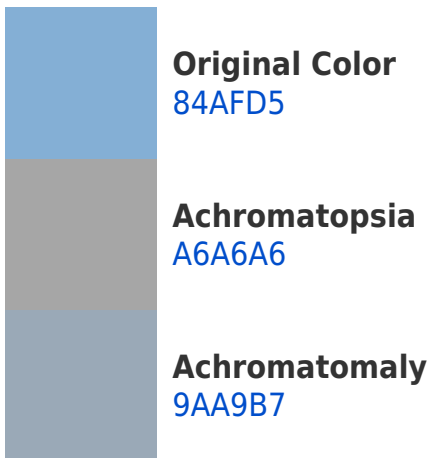


Tritanopia
7FB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84AFD5 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 #84AFD5 looks like.

```
.text, #text, p{  
    color:#84AFD5  
}
```

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 #84AFD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AFD5
}
```

Border

The CSS property to change the border of an element to Hex 84AFD5 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
#84AFD5 }
```

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

```
.border{ border-color:#84AFD5 }
```

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

Here you see how a box with a 4 pixel #84AFD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AFD5; -webkit-box-shadow:4px 4px  
4px 4px #84AFD5; box-shadow:4px 4px 4px  
4px #84AFD5 }
```

Background

The CSS property to change the background color of an element to Hex 84AFD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AFD5 }
```

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

```
.background{ background-color:#84AFD5 }
```

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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