

Converting Colors

Hex(84BCD5)

Have a look what the booklet for
Hex(84BCD5) contains.

Hex(84BCD5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(84BCD5)

Conversions

Conversions Part 1

Format	Color
Hex	84BCD5
RGB	132, 188, 213
RGB Percent	52%, 74%, 84%
CMY	0.4824, 0.2627, 0.1647
CMYK	0.38, 0.12, 0.00, 0.16
HSL	199°, 49%, 68%
HSV	199°, 38%, 84%
XYZ	39.5092, 45.6761, 69.6848
YIQ	174.1060, -41.4010, -4.0970

Conversions

Conversions Part 2

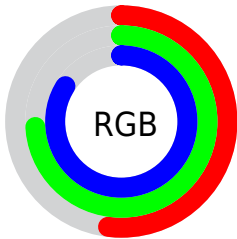
Format	Color
RYB	132, 165, 213
Decimal	8699093
CIELab	73.33, -11.91, -18.33
CIElCh	73, 21.858, 236.988
Yxy	45.6761, 0.2551, 0.2949
Android (android.graphics.Color)	4286889173 (0xFF84BCD5)
YUV	174.1060, 19.1747, -36.9270
Hunter-Lab	67.5841, -13.9223, -13.8241

Details

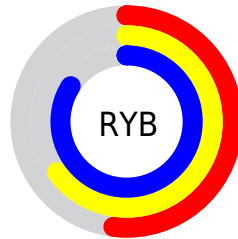
The Hex color **84BCD5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D59D84**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BCF4FF**, and **4E879E** is the 20% darker color. If you saturate the color by 10%, you get **6FB5D5**, and if you desaturate by 10%, it is **99C3D5**.

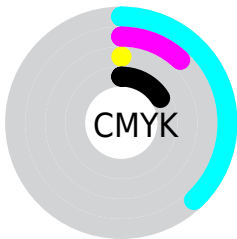
Distribution



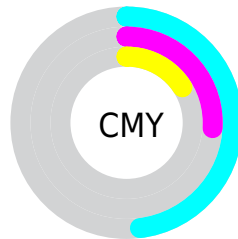
- Red (52%)
- Green (74%)
- Blue (84%)



- Red (52%)
- Yellow (65%)
- Blue (84%)



- Cyan (38%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (48%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84BCD5 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 84BCD5 by changing the saturation by 10% instead.

 84BCD5

 84BCD5

FFFFFF

 69A1B9

 BCF4FF

 4E879E

 D8FFFF

 326D84

 F5FFFF

 12556B

 003E53

 00283B

 001426

 000110

 000000

 84BCD5

 84BCD5

 6FB5D5

 99C3D5

 59AFD5

 AFC9D5

 44A8D5

 C4D0D5

 2FA2D5

 D9D6D5

 1A9BD5

 EFDDD5

 0495D5

 FFE3D5

 0093D5

 FFEAD5

 FFF1D5

 FFF7D5

Harmonies

Analogous

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



7CBFC5



84BCD5



9AB6DC

Triad

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



84BCD5



DAA6B7



B0B890

Complementary

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



84BCD5



D59D84

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.



C5B28C



84BCD5



DDA7A3

Square

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



84BCD5



CCA9CA



D6AC93



99BD9E

Rectangle

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



84BCD5



ACB2DA



D6AC93



B7B68E

Sweetspot

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



84BCD5



E3F6FF



84D59C



6F7A80



000000



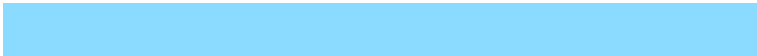
808080

Same Dimension

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



84BCD5



8ADBFF



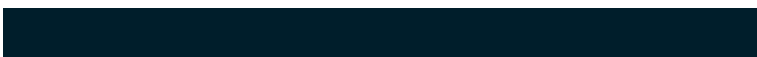
8494D5



60686B



0076AB



001E2B

Inverse Universe

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



D584BC



FF8ADB



D5C584



6B6068



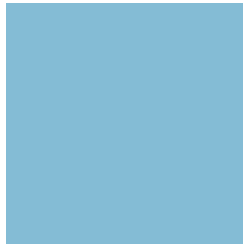
AB0076



2B001E

Previews

White Background



This preview shows how the Hex color 84BCD5 looks on a white background.

Color Contrast Check

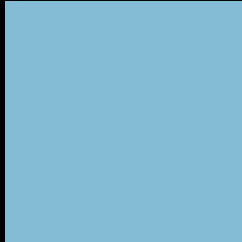
Large Text (above 18pt) WCAG AA × Fail

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 84BCD5 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 84BCD5 Background



This preview shows how black text looks on a background with the Hex color 84BCD5.

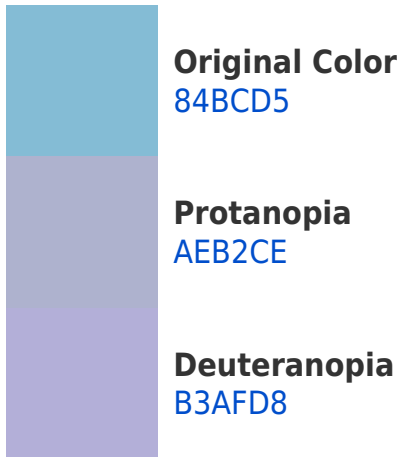


This preview shows how white text looks on a background with the Hex color 84BCD5.

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](#).

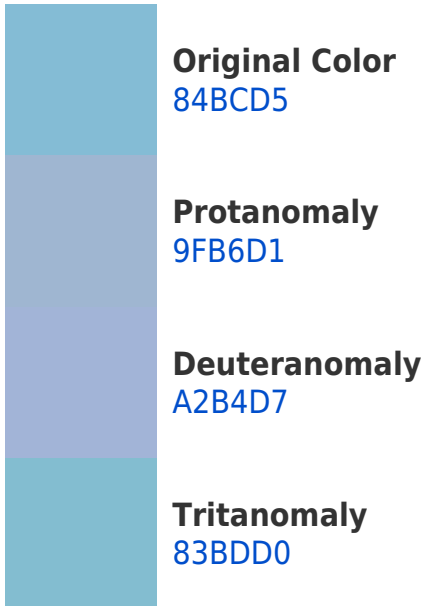
Dichromacy



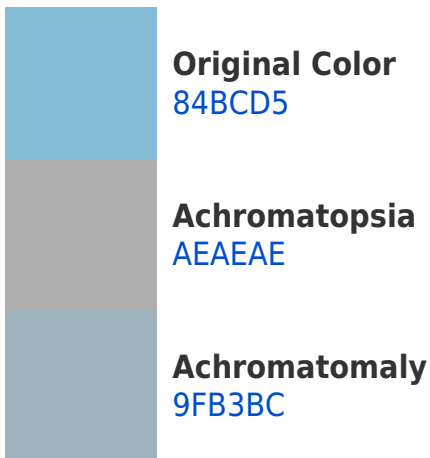


Tritanopia
82BDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84BCD5 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 #84BCD5 looks like.

```
.text, #text, p{  
    color:#84BCD5  
}
```

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 #84BCD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BCD5
}
```

Border

The CSS property to change the border of an element to Hex 84BCD5 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
#84BCD5 }
```

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

```
.border{ border-color:#84BCD5 }
```

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

Here you see how a box with a 4 pixel #84BCD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BCD5; -webkit-box-shadow:4px 4px  
4px 4px #84BCD5; box-shadow:4px 4px 4px  
4px #84BCD5 }
```

Background

The CSS property to change the background color of an element to Hex 84BCD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BCD5 }
```

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

```
.background{ background-color:#84BCD5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor