

Converting Colors

Hex(84CD85)

Have a look what the booklet for
Hex(84CD85) contains.

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Color

Hex(84CD85)

Conversions

Conversions Part 1

Format	Color
Hex	84CD85
RGB	132, 205, 133
RGB Percent	52%, 80%, 52%
CMY	0.4824, 0.1961, 0.4784
CMYK	0.36, 0.00, 0.35, 0.20
HSL	121°, 42%, 66%
HSV	121°, 36%, 80%
XYZ	35.5807, 50.2616, 30.0165
YIQ	174.9650, -20.3960, -37.8680

Conversions

Conversions Part 2

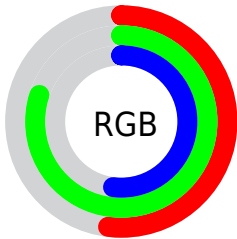
Format	Color
RYB	132, 204, 205
Decimal	8703365
CIELab	76.23, -37.19, 28.85
CIElCh	76, 47.067, 142.195
Yxy	50.2616, 0.3071, 0.4338
Android (android.graphics.Color)	4286893445 (0xFF84CD85)
YUV	174.9650, -20.6887, -37.6803
Hunter-Lab	70.8954, -34.4823, 24.5240

Details

The Hex color **84CD85** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD84CC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BBFFBB**, and **4E9653** is the 20% darker color. If you saturate the color by 10%, you get **70CD71**, and if you desaturate by 10%, it is **99CD99**.

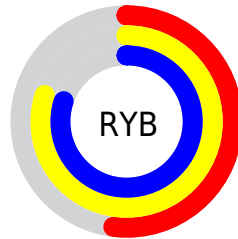
Distribution



Red (52%)

Green (80%)

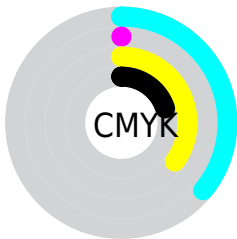
Blue (52%)



Red (52%)

Yellow (80%)

Blue (80%)

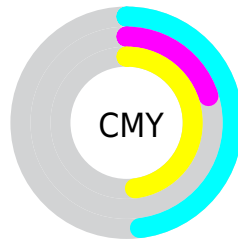


Cyan (36%)

Magenta (0%)

Yellow (35%)

Black (20%)



Cyan (48%)

Magenta (20%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84CD85 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 84CD85 by changing the saturation by 10% instead.



84CD85



84CD85

FFFFFF



69B16B



BBFFBB



4E9653



D8FFD7



347C3B



F5FFF3



156323



004A0C



003200



001E00



000000



84CD85



84CD85

 70CD71

 99CD99

 5BCD5D

 ADCDAD

 46CD48

 C2CDC2

 32CD34

 D6CDD6

 1ECD20

 EBCDEA

 09CD0C

 FFCDFE

 00CD03

 FFCDFE

Harmonies

Analogous

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



B7C369



84CD85



40D2AF

Triad

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



84CD85



5EC4FF



FF9B9D

Complementary

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



84CD85



CD84CC

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.



FF9AC9



84CD85



AFB5FF

Square

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



84CD85



00CEFF



E7A5F2



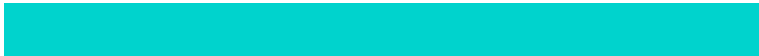
FFA679

Rectangle

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



84CD85



00D3CD



E7A5F2



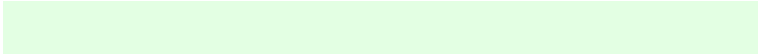
FF99AC

Sweetspot

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



84CD85



E3FFE3



CDCD84



6F806F



000000



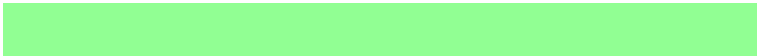
808080

Same Dimension

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



84CD85



91FF93



84CDA9



5C665C



00A602



002601

Inverse Universe

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



CD84CC



FF91FD



CD84A9



665C66



A600A3



260026

Previews

White Background



This preview shows how the Hex color 84CD85 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 84CD85 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 84CD85 Background



This preview shows how black text looks on a background with the Hex color 84CD85.

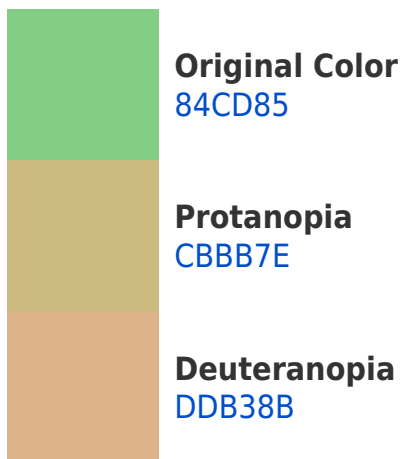


This preview shows how white text looks on a background with the Hex color 84CD85.

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](#).

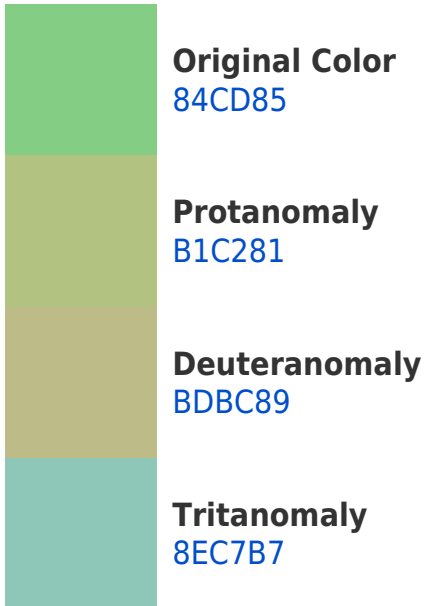
Dichromacy



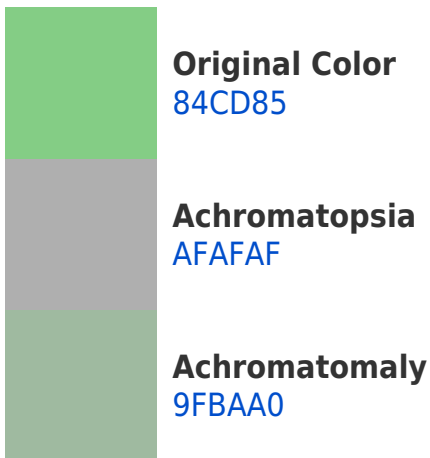


Tritanopia
93C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84CD85 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 #84CD85 looks like.

```
.text, #text, p{  
    color:#84CD85  
}
```

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 #84CD85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84CD85
}
```

Border

The CSS property to change the border of an element to Hex 84CD85 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
#84CD85 }
```

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

```
.border{ border-color:#84CD85 }
```

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

Here you see how a box with a 4 pixel #84CD85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84CD85; -webkit-box-shadow:4px 4px  
4px 4px #84CD85; box-shadow:4px 4px 4px  
4px #84CD85 }
```

Background

The CSS property to change the background color of an element to Hex 84CD85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84CD85 }
```

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

```
.background{ background-color:#84CD85 }
```

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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