

Converting Colors

Hex(84CD84)

Have a look what the booklet for
Hex(84CD84) contains.

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Color

Hex(84CD84)

Conversions

Conversions Part 1

Format	Color
Hex	84CD84
RGB	132, 205, 132
RGB Percent	52%, 80%, 52%
CMY	0.4824, 0.1961, 0.4824
CMYK	0.36, 0.00, 0.36, 0.20
HSL	120°, 42%, 66%
HSV	120°, 36%, 80%
XYZ	35.5119, 50.2341, 29.6543
YIQ	174.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

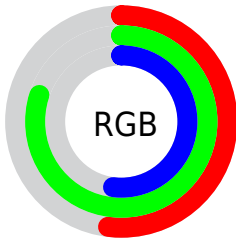
Format	Color
RYB	132, 205, 205
Decimal	8703364
CIELab	76.21, -37.35, 29.35
CIELCh	76, 47.499, 141.840
Yxy	50.2341, 0.3077, 0.4353
Android (android.graphics.Color)	4286893444 (0xFF84CD84)
YUV	174.8510, -21.1255, -37.5803
Hunter-Lab	70.8760, -34.5970, 24.8065

Details

The Hex color **84CD84** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD84CD**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BBFFBA**, and **4E9652** is the 20% darker color. If you saturate the color by 10%, you get **70CD70**, and if you desaturate by 10%, it is **99CD99**.

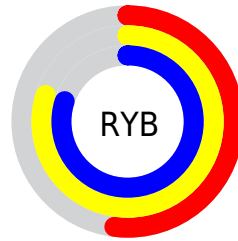
Distribution



Red (52%)

Green (80%)

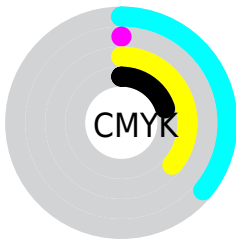
Blue (52%)



Red (52%)

Yellow (80%)

Blue (80%)

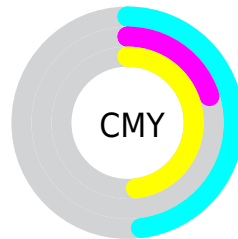


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (20%)



Cyan (48%)

Magenta (20%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84CD84 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 84CD84 by changing the saturation by 10% instead.



84CD84



84CD84

FFFFFF



69B16A



BBFFBA



4E9652



D8FFD6



347C3A



F5FFF2



156322



004A0B



003200



001E00



000000



84CD84



84CD84

 70CD70

 99CD99

 5BCD5B

 ADCDAD

 46CD46

 C2CDC2

 32CD32

 D6CDD6

 1ECD1E

 EBCDEB

 09CD09

 FFCDFE

 00CD00

Harmonies

Analogous

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



B7C368



84CD84



3ED2AE

Triad

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



84CD84



5BC4FF



FF9A9E

Complementary

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



84CD84



CD84CD

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.



FF9ACA



84CD84



AEB5FF

Square

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



84CD84



00CEFF



E7A5F3



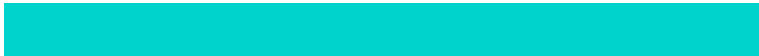
FFA678

Rectangle

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



84CD84



00D3CC



E7A5F3



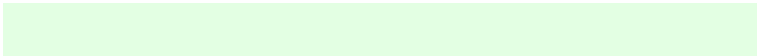
FF99AC

Sweetspot

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



84CD84



E3FFE3



CDCD84



6F806F



000000



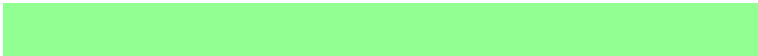
808080

Same Dimension

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



84CD84



91FF91



84CDA9



5C665C



00A600



002600

Inverse Universe

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



CD84CD



FF91FF



CD84A9



665C66



A600A6



260026

Previews

White Background



This preview shows how the Hex color 84CD84 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 84CD84 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

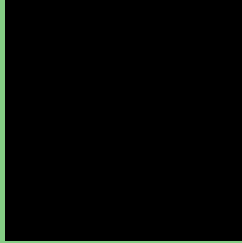
Any Text WCAG AA ✓ Pass

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 84CD84 Background



This preview shows how black text looks on a background with the Hex color 84CD84.

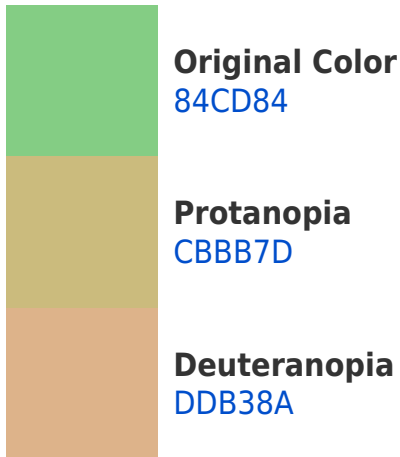


This preview shows how white text looks on a background with the Hex color 84CD84.

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](#).

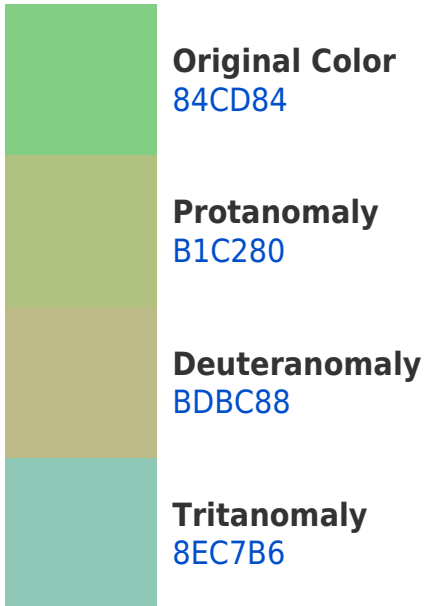
Dichromacy



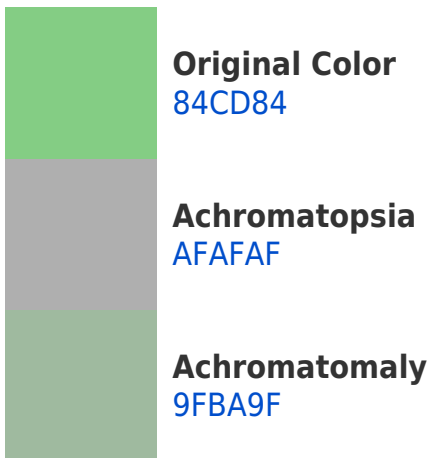


Tritanopia
93C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84CD84 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 #84CD84 looks like.

```
.text, #text, p{  
    color:#84CD84  
}
```

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 #84CD84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84CD84
}
```

Border

The CSS property to change the border of an element to Hex 84CD84 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
#84CD84 }
```

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

```
.border{ border-color:#84CD84 }
```

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

Here you see how a box with a 4 pixel #84CD84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84CD84; -webkit-box-shadow:4px 4px  
4px 4px #84CD84; box-shadow:4px 4px 4px  
4px #84CD84 }
```

Background

The CSS property to change the background color of an element to Hex 84CD84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84CD84 }
```

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

```
.background{ background-color:#84CD84 }
```

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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