

# Converting Colors

Hex(84DD93)

Have a look what the booklet for  
Hex(84DD93) contains.

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# **Color**

**Hex(84DD93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84DD93
RGB	132, 221, 147
RGB Percent	52%, 87%, 58%
CMY	0.4824, 0.1333, 0.4235
CMYK	0.40, 0.00, 0.33, 0.13
HSL	130°, 57%, 69%
HSV	130°, 40%, 87%
XYZ	40.6386, 58.7250, 36.7969
YIQ	185.9530, -29.2900, -41.8820

# Conversions

## Conversions Part 2

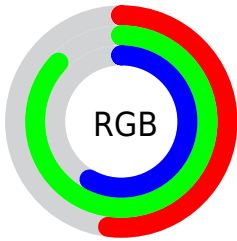
Format	Color
<a href="#">RYB</a>	<a href="#">132, 208, 221</a>
Decimal	<a href="#">8707475</a>
CIELab	<a href="#">81.14, -42.03, 28.17</a>
CIELCh	<a href="#">81, 50.599, 146.165</a>
Yxy	<a href="#">58.7250, 0.2985, 0.4313</a>
Android (android.graphics.Color)	<a href="#">4286897555 (0xFF84DD93)</a>
YUV	<a href="#">185.9530, -19.2038, -47.3168</a>
Hunter-Lab	<a href="#">76.6323, -39.4466, 25.1730</a>

# Details

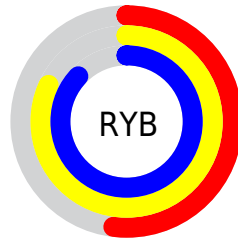
The Hex color **84DD93** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD84CE**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BCFFC9**, and **4DA560** is the 20% darker color. If you saturate the color by 10%, you get **6EDD81**, and if you desaturate by 10%, it is **9ADDA5**.

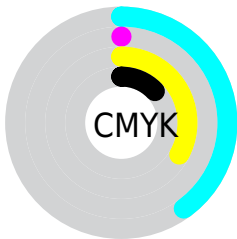
# Distribution



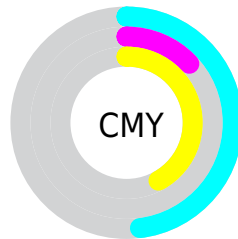
- Red (52%)
- Green (87%)
- Blue (58%)



- Red (52%)
- Yellow (82%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)



- Cyan (48%)
- Magenta (13%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84DD93 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 84DD93 by changing the saturation by 10% instead.



 84DD93

 84DD93

FFFFFF

 68C179

 BCFFC9

 4DA560

 D9FFE6

 308A47

 F7FFFF

 097030

 005719

 003F00

 002900

 000800

 000000

 84DD93

 84DD93

 6EDD81

 9ADDA5

 58DD6E

 B0DDB8

 42DD5C

 C6DDCA

 2CDD49

 DCDDDD

 15DD37

 F3DDEF

 00DD25

 FFDDFF

# Harmonies

## Analogous

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



BDD372



84DD93



2EE2C2

# Triad

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



84DD93



6FD0FF



FFA6A2

# Complementary

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



84DD93



DD84CE

# 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.



FFA4D2



84DD93



C5C0FF

# Square

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



84DD93



00DCFF



FFAEFF



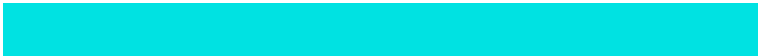
FFB47C

# Rectangle

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



84DD93



00E2E2



FFAEFF



FFA4B2

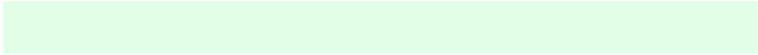


# Sweetspot

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



84DD93



E0FFE6



CEDD84



6E8071



000000



808080

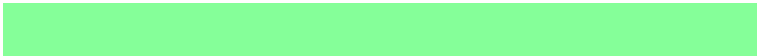


# Same Dimension

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



84DD93



85FF99



84DDBF



636E65



00AD1D



002E08



# Inverse Universe

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



DD84CE



FF85EA



DD84A2



6E636C



AD0090

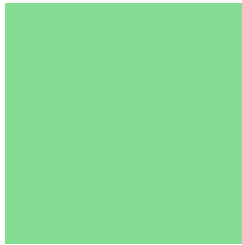


2E0026



# Previews

## White Background



This preview shows how the Hex color 84DD93 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 84DD93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

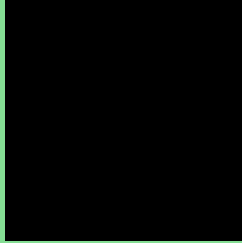
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84DD93 Background



This preview shows how black text looks on a background with the Hex color 84DD93.

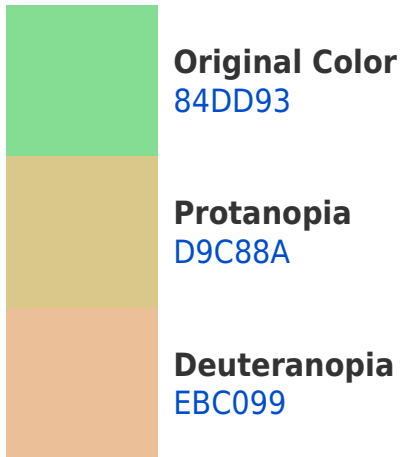


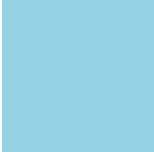
This preview shows how white text looks on a background with the Hex color 84DD93.

# 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](#).

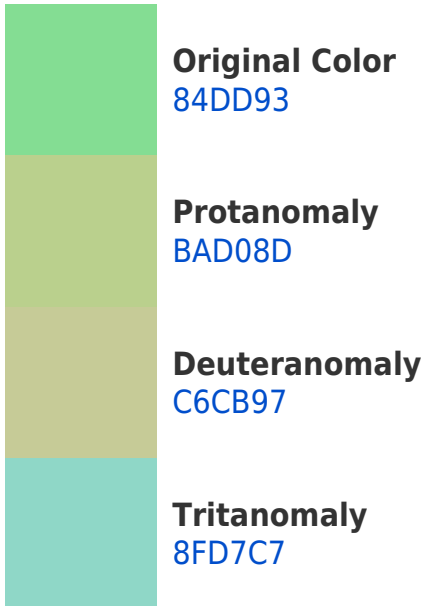
## Dichromacy



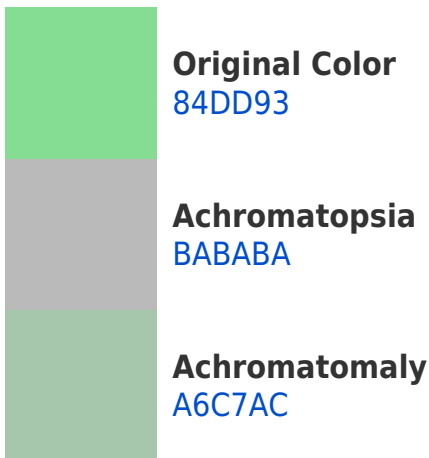


**Tritanopia**  
95D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84DD93 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 #84DD93 looks like.

```
.text, #text, p{  
    color:#84DD93  
}
```

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 #84DD93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84DD93
}
```

## Border

The CSS property to change the border of an element to Hex 84DD93 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
#84DD93 }
```

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

```
.border{ border-color:#84DD93 }
```

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

Here you see how a box with a 4 pixel #84DD93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84DD93; -webkit-box-shadow:4px 4px  
4px 4px #84DD93; box-shadow:4px 4px 4px  
4px #84DD93 }
```

# Background

The CSS property to change the background color of an element to Hex 84DD93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84DD93 }
```

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

```
.background{ background-color:#84DD93 }
```

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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