

Converting Colors

Hex(84DED9)

Have a look what the booklet for
Hex(84DED9) contains.

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Color

Hex(84DED9)

Conversions

Conversions Part 1

Format	Color
Hex	84DED9
RGB	132, 222, 217
RGB Percent	52%, 87%, 85%
CMY	0.4824, 0.1294, 0.1490
CMYK	0.41, 0.00, 0.02, 0.13
HSL	177°, 58%, 69%
HSV	177°, 41%, 87%
XYZ	48.1614, 62.1578, 75.1049
YIQ	194.5200, -52.0350, -20.6350

Conversions

Conversions Part 2

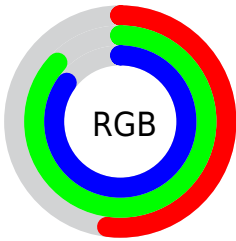
Format	Color
RYB	132, 178, 222
Decimal	8707801
CIELab	83.00, -28.09, -6.03
CIELCh	83, 28.734, 192.108
Yxy	62.1578, 0.2597, 0.3352
Android (android.graphics.Color)	4286897881 (0xFF84DED9)
YUV	194.5200, 11.0826, -54.8300
Hunter-Lab	78.8402, -28.9296, -1.2928

Details

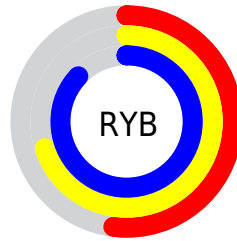
The Hex color **84DED9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE8489**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BDFFFF**, and **4BA7A2** is the 20% darker color. If you saturate the color by 10%, you get **6EDED8**, and if you desaturate by 10%, it is **9AEDDA**.

Distribution



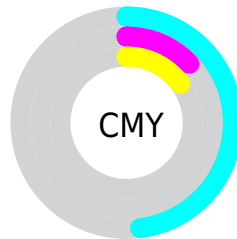
- Red (52%)
- Green (87%)
- Blue (85%)



- Red (52%)
- Yellow (70%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (48%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84DED9 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 84DED9 by changing the saturation by 10% instead.

 84DED9

 84DED9

FFFFFF

 68C2BD

 BDFFFF

 4BA7A2

 DAFFFF

 2C8C88

 F8FFFF

 00726F

 005956

 00413F

 002B29

 001315

 000000

84DED9

84DED9

6EDED8

9AEDA

58DED7

B0DEDB

41DED5

C7DEDD

2BDED4

DDDEDE

15DED3

F3DEDF

00DED2

FFDEE0

FFDEE2

FFDEE3

FFDEE4

Harmonies

Analogous

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



9BDDBD



84DED9



81DCF2

Triad

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



84DED9



E1C4F7



F1C79C

Complementary

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



84DED9



DE8489

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.



FFBFAC



84DED9



FABDE0

Square

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



84DED9



BDCDFE



FFB7C5



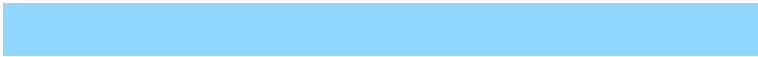
D7D09A

Rectangle

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



84DED9



8ED8FE



FFBBC5



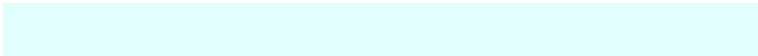
F8C4A0

Sweetspot

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



84DED9



E0FFFD



8ADE84



6E807F



000000



808080

Same Dimension

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



84DED9



82FFF8



84B7DE



657070



00B0A6



00302E

Inverse Universe

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



DE8489



FF8289



DEAB84



706566



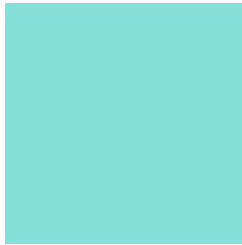
B0000A



300003

Previews

White Background



This preview shows how the Hex color 84DED9 looks on a white background.

Color Contrast Check

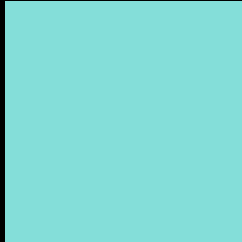
Large Text (above 18pt) WCAG AA × Fail

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 84DED9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

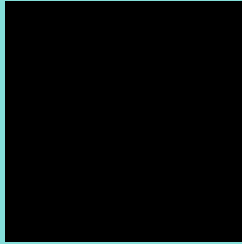
Any Text WCAG AA ✓ Pass

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 84DED9 Background



This preview shows how black text looks on a background with the Hex color 84DED9.

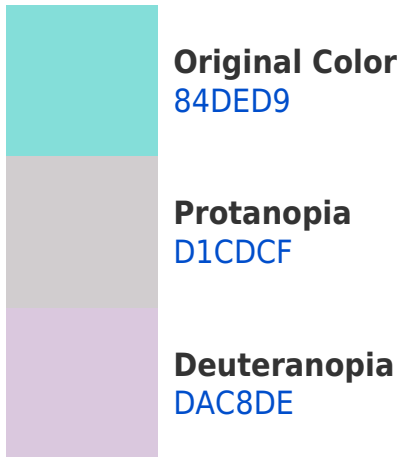


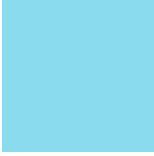
This preview shows how white text looks on a background with the Hex color 84DED9.

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](#).

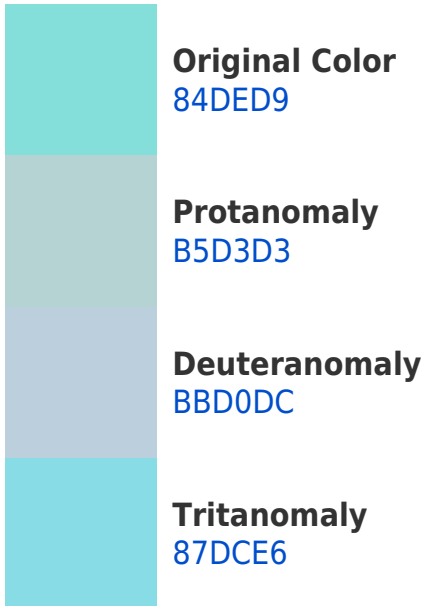
Dichromacy



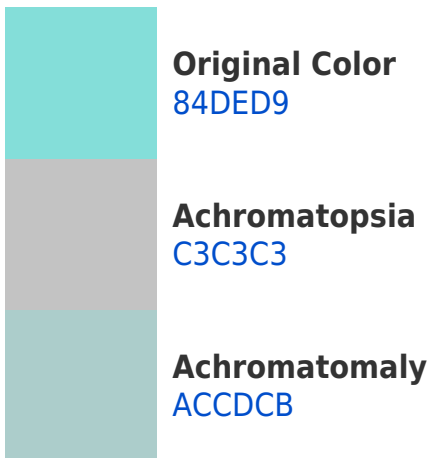


Tritanopia
89DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84DED9 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 #84DED9 looks like.

```
.text, #text, p{  
    color:#84DED9  
}
```

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 #84DED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84DED9  
}
```

Border

The CSS property to change the border of an element to Hex 84DED9 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  
#84DED9 }
```

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

```
.border{ border-color:#84DED9 }
```

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

Here you see how a box with a 4 pixel #84DED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84DED9; -webkit-box-shadow:4px 4px  
4px 4px #84DED9; box-shadow:4px 4px 4px  
4px #84DED9 }
```

Background

The CSS property to change the background color of an element to Hex 84DED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84DED9 }
```

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

```
.background{ background-color:#84DED9 }
```

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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