

Converting Colors

Hex(84DEDD)

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

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Color

Hex(84DEDD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 84DEDD |
| RGB | 132, 222, 221 |
| RGB Percent | 52%, 87%, 87% |
| CMY | 0.4824, 0.1294, 0.1333 |
| CMYK | 0.41, 0.00, 0.00, 0.13 |
| HSL | 179°, 58%, 69% |
| HSV | 179°, 41%, 87% |
| XYZ | 48.6881, 62.3685, 77.8788 |
| YIQ | 194.9760, -53.3190, -19.3910 |

Conversions

Conversions Part 2

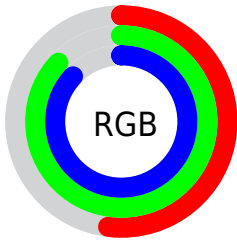
| Format | Color |
|-------------------------------------|---|
| RYB | 132, 177, 222 |
| Decimal | 8707805 |
| CIELab | 83.11, -27.13, -7.98 |
| CIELCh | 83, 28.278, 196.399 |
| Yxy | 62.3685, 0.2577, 0.3301 |
| Android (android.graphics.Color) | 4286897885 (0xFF84DEDD) |
| YUV | 194.9760, 12.8298, -55.2300 |
| Hunter-Lab | 78.9738, -28.1570, -3.1863 |

Details

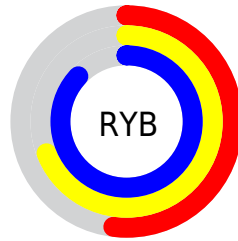
The Hex color **84DEDD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE8485**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BDFFFF**, and **4BA7A6** is the 20% darker color. If you saturate the color by 10%, you get **6EDEDD**, and if you desaturate by 10%, it is **9ADEDD**.

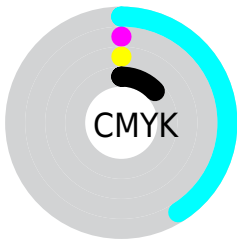
Distribution



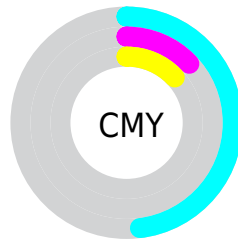
- Red (52%)
- Green (87%)
- Blue (87%)



- Red (52%)
- Yellow (69%)
- Blue (87%)



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



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

Brightness & Saturation Gradients

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

 84DEDD

 84DEDD

FFFFFF

 68C2C1

 BDFFFF

 4BA7A6

 DAFFFF

 2B8C8C

 F8FFFF

 007272

 00595A

 004142

 002B2C

 001418

 000000

 84DEDD

 84DEDD

 6EEDDD

 9AEDDD

 58DEDD

 B0DEDD

 41DEDC

 C7DEDE

 2BDEDC

 DDDEDE

 15DEDC

 F3DEDE

 00DEDC

 FFDEDE

 FFDEDF

Harmonies

Analogous

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



98DDC2



84DEDD



85DBF5

Triad

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



84DEDD



E5C3F4



EEC99C

Complementary

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



84DEDD



DE8485

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.



FFC1AA



84DEDD



FCBDDC

Square

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



84DEDD



C3CCFF



FFBCC1



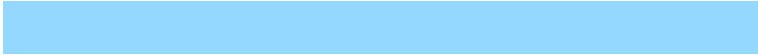
D4D29C

Rectangle

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



84DEDD



94D7FF



FFBCC1



F5C69F

Sweetspot

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



84DEDD



E0FFFF



86DE84



6E807F



000000



808080

Same Dimension

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



84DEDD



82FFFE



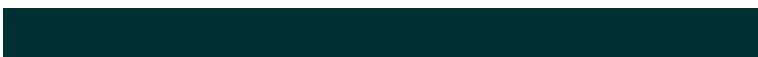
84B3DE



657070



00B0AE



003030

Inverse Universe

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



DE8485



FF8283



DEB084



706565



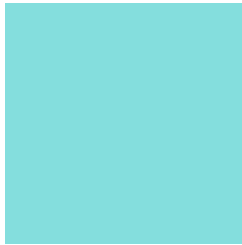
B00002



300001

Previews

White Background



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

Color Contrast Check

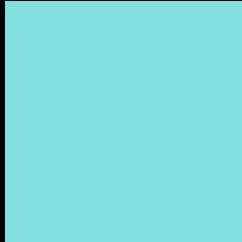
Large Text (above 18pt) WCAG AA × Fail

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 84DEDD 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 84DEDD Background



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

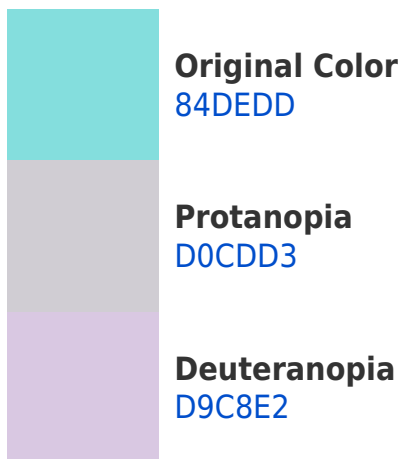


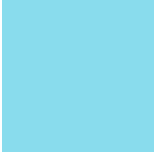
This preview shows how white text looks on a background with the Hex color 84DEDD.

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](#).

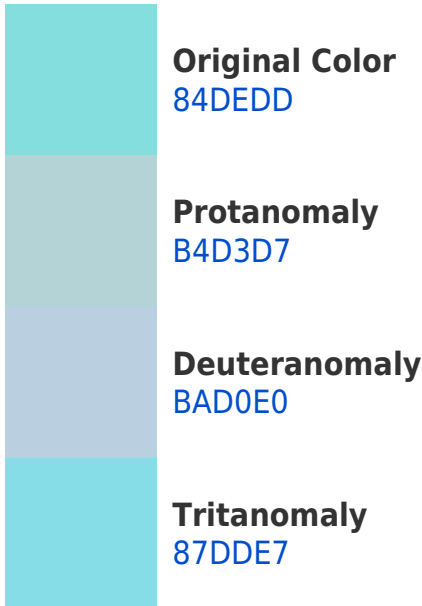
Dichromacy



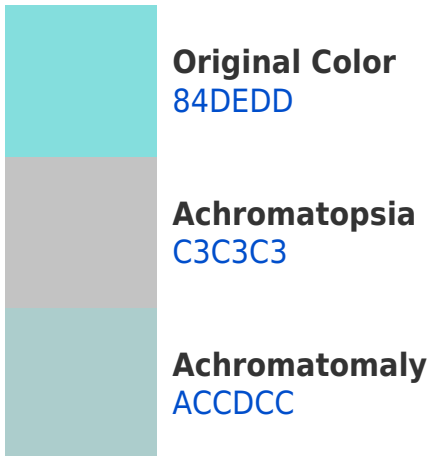


Tritanopia
89DCED

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #84DEDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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