

Converting Colors

Hex(84DEBF)

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

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Color

Hex(84DEBF)

Conversions

Conversions Part 1

Format	Color
Hex	84DEBF
RGB	132, 222, 191
RGB Percent	52%, 87%, 75%
CMY	0.4824, 0.1294, 0.2510
CMYK	0.41, 0.00, 0.14, 0.13
HSL	159°, 58%, 69%
HSV	159°, 41%, 87%
XYZ	45.0410, 60.9097, 58.6730
YIQ	191.5560, -43.6890, -28.7210

Conversions

Conversions Part 2

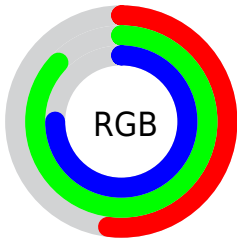
Format	Color
RYB	132, 186, 222
Decimal	8707775
CIELab	82.33, -34.02, 6.78
CIELCh	82, 34.691, 168.723
Yxy	60.9097, 0.2736, 0.3700
Android (android.graphics.Color)	4286897855 (0xFF84DEBF)
YUV	191.5560, -0.2741, -52.2306
Hunter-Lab	78.0446, -33.5626, 10.0577

Details

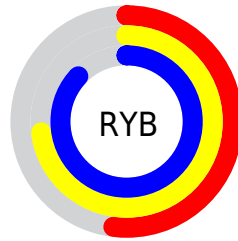
The Hex color **84DEBF** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DE84A3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BCFFF7**, and **4CA68A** is the 20% darker color. If you saturate the color by 10%, you get **6EDEB7**, and if you desaturate by 10%, it is **9ADEC7**.

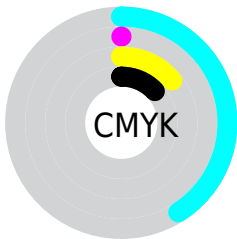
Distribution



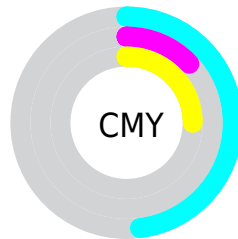
- Red (52%)
- Green (87%)
- Blue (75%)



- Red (52%)
- Yellow (73%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)



- Cyan (48%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 84DEBF

 84DEBF

FFFFFF

 68C2A4

 BCFFF7

 4CA68A

 D9FFFF

 2F8C70

 F7FFFF

 067258

 005940

 00412A

 002A16

 000F00

 000000

 84DEBF

 84DEBF

 6EDEB7

 9ADEC7

 58DEB0

 B0DECE

 41DEA8

 C7DED6

 2BDEA0

 DDDEDE

 15DE99

 F3DEE5

 00DE92

 FFDEED

 FFDEF5

 FFDEFC

 FFDEFF

Harmonies

Analogous

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



AAD9A1



84DEBF



67DFE1

Triad

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



84DEBF



C0C9FF



FFBC9D

Complementary

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



84DEBF



DE84A3

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.



FFB5B9



84DEBF



EABDF8

Square

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



84DEBF



90D4FF



FFB6DB



EFC78D

Rectangle

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



84DEBF



64DDF4



FFB6DB



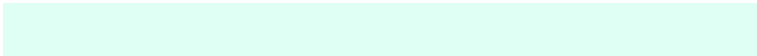
FFB9A6

Sweetspot

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



84DEBF



E0FFF4



A3DE84



6E8079



000000



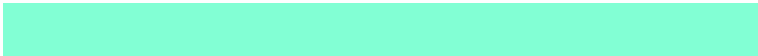
808080

Same Dimension

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



84DEBF



82FFD4



84D0DE



65706C



00B073



003020

Inverse Universe

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



DE84A3



FF82AD



DE9284



706569



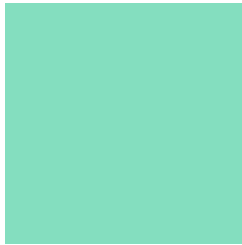
B0003D



300011

Previews

White Background



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

Color Contrast Check

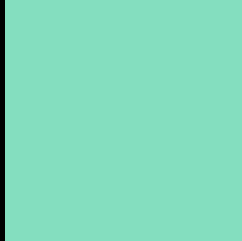
Large Text (above 18pt) WCAG AA × Fail

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 84DEBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

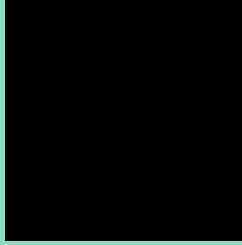
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

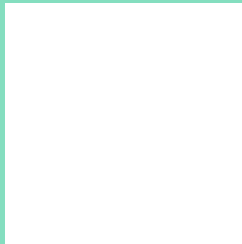
Any Text WCAG AAA ✓ Pass

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

Hex 84DEBF Background



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

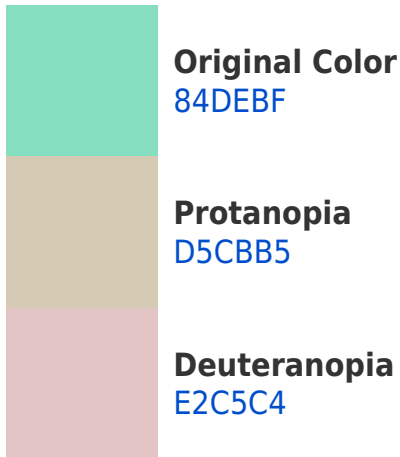


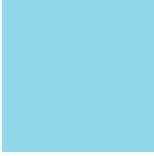
This preview shows how white text looks on a background with the Hex color 84DEBF.

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



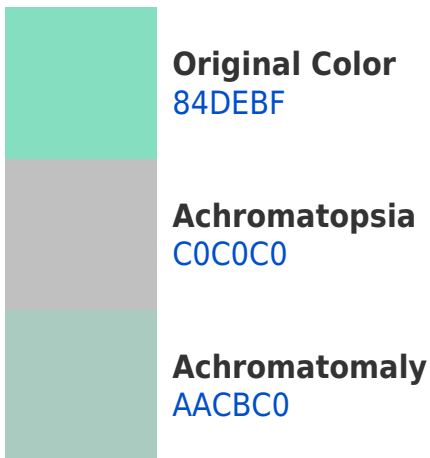


Tritanopia
8FD8E9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #84DEBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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