

Converting Colors

Hex(85D1B8)

Have a look what the booklet for
Hex(85D1B8) contains.

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Color

Hex(85D1B8)

Conversions

Conversions Part 1

Format	Color
Hex	85D1B8
RGB	133, 209, 184
RGB Percent	52%, 82%, 72%
CMY	0.4784, 0.1804, 0.2784
CMYK	0.36, 0.00, 0.12, 0.18
HSL	160°, 45%, 67%
HSV	160°, 36%, 82%
XYZ	41.1251, 54.0482, 53.6122
YIQ	183.4260, -37.2710, -23.8870

Conversions

Conversions Part 2

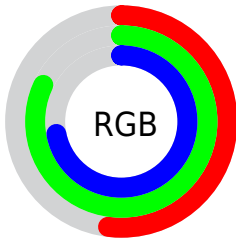
Format	Color
RYB	133, 178, 209
Decimal	8769976
CIELab	78.49, -29.11, 4.98
CIElCh	78, 29.532, 170.285
Yxy	54.0482, 0.2764, 0.3633
Android (android.graphics.Color)	4286960056 (0xFF85D1B8)
YUV	183.4260, 0.2830, -44.2236
Hunter-Lab	73.5175, -28.8041, 8.2253

Details

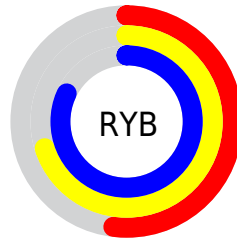
The Hex color **85D1B8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D1859E**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BDFFF0**, and **4F9A83** is the 20% darker color. If you saturate the color by 10%, you get **70D1B1**, and if you desaturate by 10%, it is **9AD1BF**.

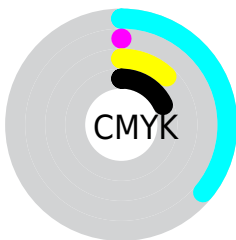
Distribution



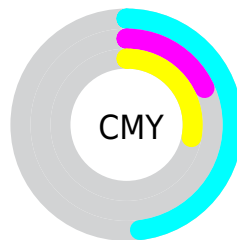
- Red (52%)
- Green (82%)
- Blue (72%)



- Red (52%)
- Yellow (70%)
- Blue (82%)



- Cyan (36%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (48%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D1B8 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 85D1B8 by changing the saturation by 10% instead.

 85D1B8

 85D1B8

FFFFFF

 6AB59D

 BDFFF0

 4F9A83

 D9FFFF

 34806A

 F6FFFF

 156652

 004E3B

 003725

 002210

 000000

 85D1B8

 85D1B8

 70D1B1

 9AD1BF

 5BD1AA

 AFD1C6

 46D1A3

 C4D1CD

 31D19C

 D9D1D4

 1CD196

 EED1DA

 08D18F

 FFD1E1

 00D18C

 FFD1E8

 FFD1EF

 FFD1F6

Harmonies

Analogous

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



A3CD9E



85D1B8



71D1D4

Triad

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



85D1B8



BABEF5



F2B499

Complementary

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



85D1B8



D1859E

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.



FAAFB0



85D1B8



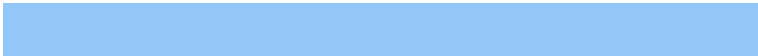
DDB5E6

Square

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



85D1B8



93C7F8



F3AFCC



DEBD8C

Rectangle

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



85D1B8



70D0E5



F3AFCC



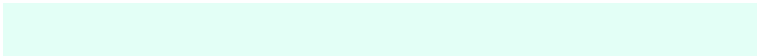
F6B2A0

Sweetspot

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



85D1B8



E3FFF6



9ED185



6F807A



000000



808080

Same Dimension

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



85D1B8



8FFFDA



85C4D1



5E6965



00A871



00291B

Inverse Universe

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



D1859E



FF8FB4



D19285



695E62



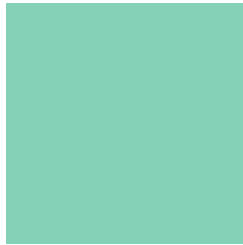
A80037



29000D

Previews

White Background



This preview shows how the Hex color 85D1B8 looks on a white background.

Color Contrast Check

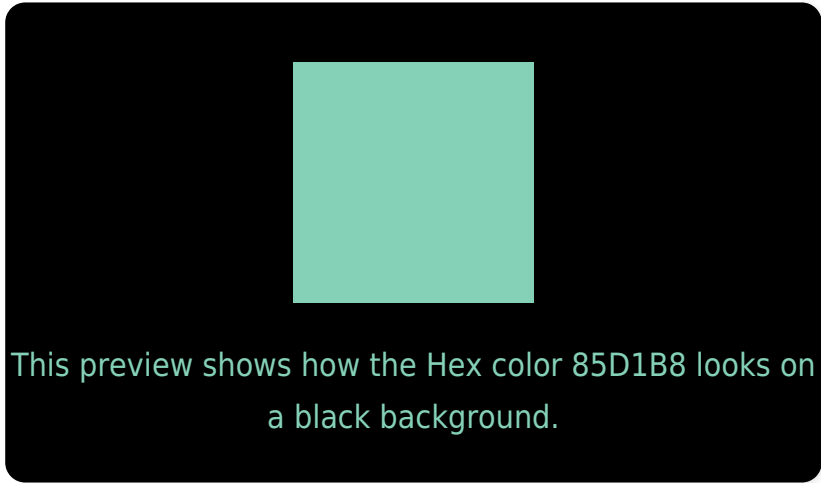
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

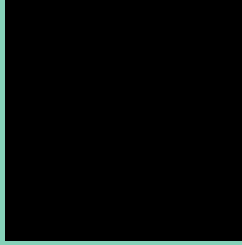
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

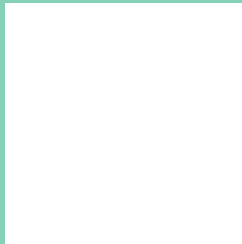
Any Text WCAG AAA ✓ Pass

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

Hex 85D1B8 Background



This preview shows how black text looks on a background with the Hex color 85D1B8.

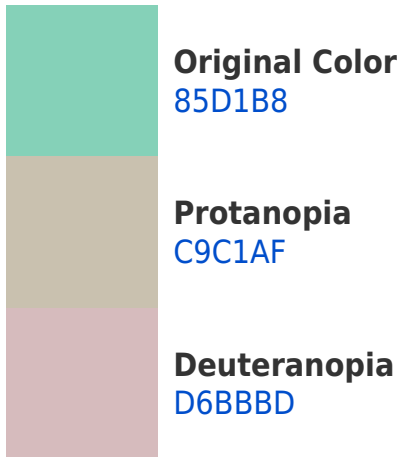


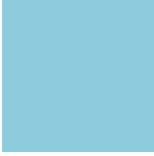
This preview shows how white text looks on a background with the Hex color 85D1B8.

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





Trichromacy



Original Color
85D1B8



Protanomaly
B0C7B2



Deuteranomaly
B9C3BB

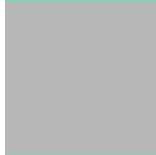


Tritanomaly
8ACECF

Monochromacy



Original Color
85D1B8



Achromatopsia
B7B7B7



Achromatomaly
A5C0B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 85D1B8 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 #85D1B8 looks like.

```
.text, #text, p{  
    color:#85D1B8  
}
```

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 #85D1B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D1B8
}
```

Border

The CSS property to change the border of an element to Hex 85D1B8 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
#85D1B8 }
```

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

```
.border{ border-color:#85D1B8 }
```

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

Here you see how a box with a 4 pixel #85D1B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D1B8; -webkit-box-shadow:4px 4px  
4px 4px #85D1B8; box-shadow:4px 4px 4px  
4px #85D1B8 }
```

Background

The CSS property to change the background color of an element to Hex 85D1B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D1B8 }
```

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

```
.background{ background-color:#85D1B8 }
```

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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