

Converting Colors

Hex(87DBC7)

Have a look what the booklet for
Hex(87DBC7) contains.

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Color

Hex(87DBC7)

Conversions

Conversions Part 1

Format	Color
Hex	87DBC7
RGB	135, 219, 199
RGB Percent	53%, 86%, 78%
CMY	0.4706, 0.1412, 0.2196
CMYK	0.38, 0.00, 0.09, 0.14
HSL	166°, 54%, 69%
HSV	166°, 38%, 86%
XYZ	45.6320, 59.9375, 63.1969
YIQ	191.6040, -43.6440, -24.0280

Conversions

Conversions Part 2

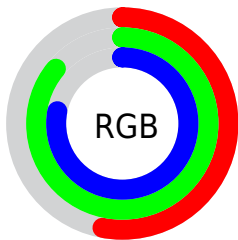
Format	Color
RYB	135, 183, 219
Decimal	8903623
CIELab	81.80, -30.06, 1.80
CIElCh	82, 30.110, 176.577
Yxy	59.9375, 0.2704, 0.3552
Android (android.graphics.Color)	4287093703 (0xFF87DBC7)
YUV	191.6040, 3.6462, -49.6417
Hunter-Lab	77.4193, -30.2734, 5.7955

Details

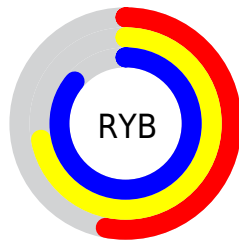
The Hex color **87DBC7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB879B**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BFFFFFF**, and **50A491** is the 20% darker color. If you saturate the color by 10%, you get **71DBC2**, and if you desaturate by 10%, it is **9DDBCC**.

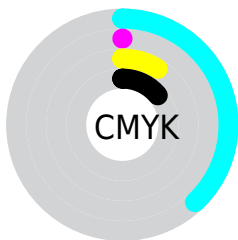
Distribution



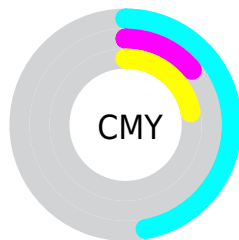
- Red (53%)
- Green (86%)
- Blue (78%)



- Red (53%)
- Yellow (72%)
- Blue (86%)



- Cyan (38%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (47%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87DBC7 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 87DBC7 by changing the saturation by 10% instead.

 87DBC7

 87DBC7

FFFFFF

 6BBFAC

 BFFFFFF

 50A491

 DCFFFF

 338978

 FAFFFF

 106F5F

 005647

 003F31

 00281C

 000C02

 000000

 87DBC7

 87DBC7

 71DBC2

 9DDBCC

 5BDBBD

 B3DBD1

 45DBB7

 C9DBD7

 2FDDB2

 DFDBDC

 1ADBAD

 F4DBE1

 04DBA8

 FFDBE6

 00DBA7

 FFDBEC

 FFDBF1

 FFDBF6

Harmonies

Analogous

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



A5D8AB



87DBC7



77DBE4

Triad

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



87DBC7



CBC5FE



F9BF9D

Complementary

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



87DBC7



DB879B

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.



FFB8B3



87DBC7



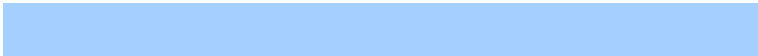
EDBCEB

Square

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



87DBC7



A4CFFF



FFB7D0



E3C893

Rectangle

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



87DBC7



7BD8F3



FFB7D0



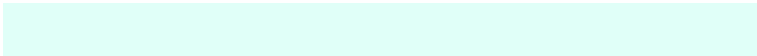
FFBCA4

Sweetspot

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



87DBC7



E0FFF8



9CDB87



6E807B



000000



808080

Same Dimension

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



87DBC7



8AFFE3



87C6DB



636E6B



00AD84



002E23

Inverse Universe

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



DB879B



FF8AA6



DB9C87



6E6365



AD0029



2E000B

Previews

White Background



This preview shows how the Hex color 87DBC7 looks on a white background.

Color Contrast Check

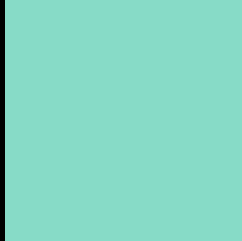
Large Text (above 18pt) WCAG AA × Fail

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 87DBC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

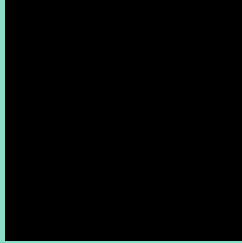
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

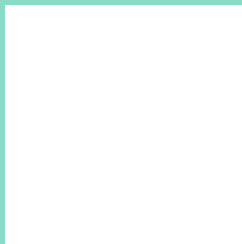
Any Text WCAG AAA ✓ Pass

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

Hex 87DBC7 Background



This preview shows how black text looks on a background with the Hex color 87DBC7.

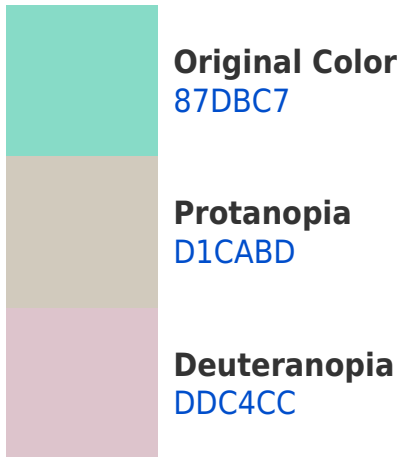


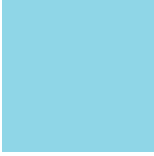
This preview shows how white text looks on a background with the Hex color 87DBC7.

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



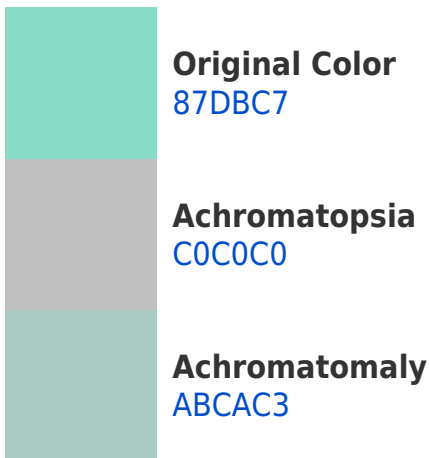


Tritanopia
8FD6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87DBC7 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 #87DBC7 looks like.

```
.text, #text, p{  
    color:#87DBC7  
}
```

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 #87DBC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87DBC7  
}
```

Border

The CSS property to change the border of an element to Hex 87DBC7 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  
#87DBC7 }
```

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

```
.border{ border-color:#87DBC7 }
```

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

Here you see how a box with a 4 pixel #87DBC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87DBC7; -webkit-box-shadow:4px 4px  
4px 4px #87DBC7; box-shadow:4px 4px 4px  
4px #87DBC7 }
```

Background

The CSS property to change the background color of an element to Hex 87DBC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87DBC7 }
```

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

```
.background{ background-color:#87DBC7 }
```

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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