

Converting Colors

Hex(87D1A0)

Have a look what the booklet for
Hex(87D1A0) contains.

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Color

Hex(87D1A0)

Conversions

Conversions Part 1

Format	Color
Hex	87D1A0
RGB	135, 209, 160
RGB Percent	53%, 82%, 63%
CMY	0.4706, 0.1804, 0.3725
CMYK	0.35, 0.00, 0.23, 0.18
HSL	140°, 45%, 67%
HSV	140°, 35%, 82%
XYZ	39.1373, 53.2899, 41.4809
YIQ	181.2880, -28.3750, -30.9270

Conversions

Conversions Part 2

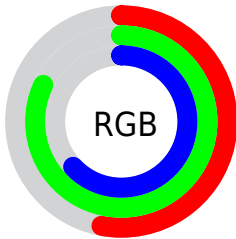
Format	Color
RYB	135, 190, 209
Decimal	8901024
CIELab	78.05, -33.39, 17.16
CIElCh	78, 37.541, 152.797
Yxy	53.2899, 0.2923, 0.3980
Android (android.graphics.Color)	4287091104 (0xFF87D1A0)
YUV	181.2880, -10.4950, -40.5946
Hunter-Lab	72.9999, -32.0510, 17.4094

Details

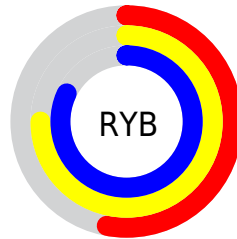
The Hex color **87D1A0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D187B8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BEFFD7**, and **529A6C** is the 20% darker color. If you saturate the color by 10%, you get **72D192**, and if you desaturate by 10%, it is **9CD1AE**.

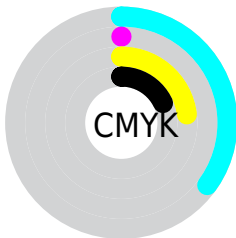
Distribution



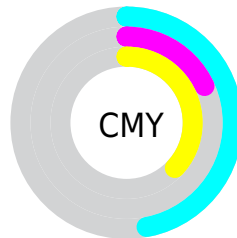
- Red (53%)
- Green (82%)
- Blue (63%)



- Red (53%)
- Yellow (75%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



- Cyan (47%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87D1A0 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 87D1A0 by changing the saturation by 10% instead.

 87D1A0

 87D1A0

FFFFFF

 6CB586

 BEFFD7

 529A6C

 DBFFF3

 378054

 F8FFFF

 1A663D

 004E26

 003611

 002300

 000000

 87D1A0

 87D1A0

 72D192

 9CD1AE

 5DD184

 B1D1BC

 48D176

 C6D1CA

 33D169

 DBD1D7

 1FD15B

 F0D1E5

 0AD14D

 FFD1F3

 00D147

 FFD1FF

Harmonies

Analogous

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



B0CA85



87D1A0



5DD4C3

Triad

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



87D1A0



96C3FF



FFAA9D

Complementary

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



87D1A0



D187B8

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.



FFA6BF



87D1A0



CAB7FC

Square

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



87D1A0



5FCDFE



F0ACE1



F3B484

Rectangle

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



87D1A0



47D4DB



F0ACE1



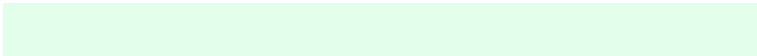
FFA8A8

Sweetspot

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



87D1A0



E3FFEC



B8D187



6F8075



000000



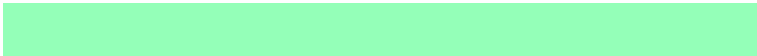
808080

Same Dimension

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



87D1A0



94FFB8



87D1C5



5E6962



00A839



00290E

Inverse Universe

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



D187B8



FF94DB



D18793



695E65



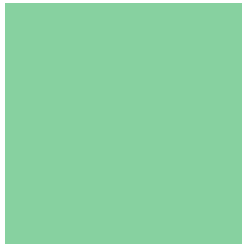
A8006F



29001B

Previews

White Background



This preview shows how the Hex color 87D1A0 looks on a white background.

Color Contrast Check

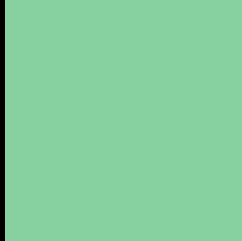
Large Text (above 18pt) WCAG AA × Fail

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 87D1A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

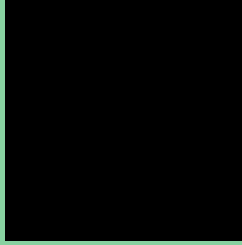
Any Text WCAG AA ✓ Pass

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 87D1A0 Background



This preview shows how black text looks on a background with the Hex color 87D1A0.

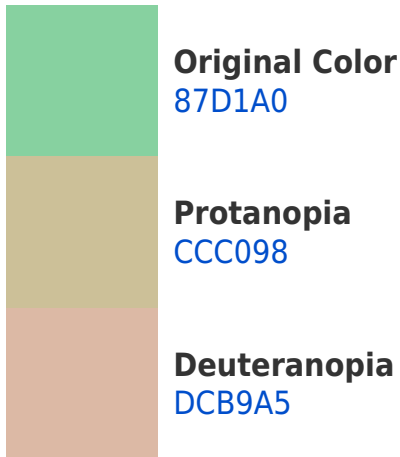


This preview shows how white text looks on a background with the Hex color 87D1A0.

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](#).

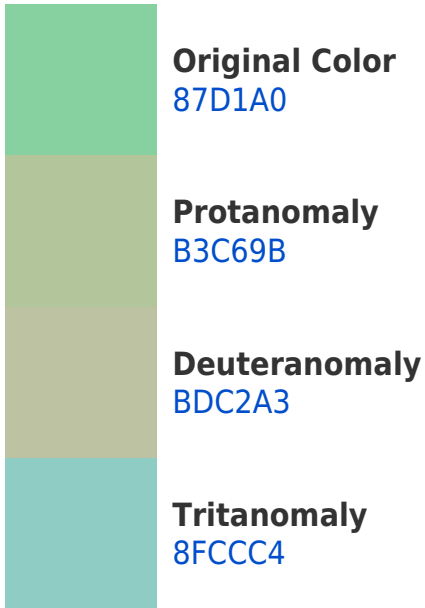
Dichromacy



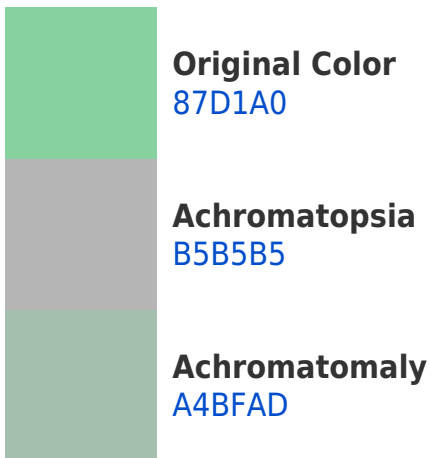


Tritanopia
93C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87D1A0 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 #87D1A0 looks like.

```
.text, #text, p{  
    color:#87D1A0  
}
```

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 #87D1A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87D1A0
}
```

Border

The CSS property to change the border of an element to Hex 87D1A0 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
#87D1A0 }
```

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

```
.border{ border-color:#87D1A0 }
```

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

Here you see how a box with a 4 pixel #87D1A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87D1A0; -webkit-box-shadow:4px 4px  
4px 4px #87D1A0; box-shadow:4px 4px 4px  
4px #87D1A0 }
```

Background

The CSS property to change the background color of an element to Hex 87D1A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87D1A0 }
```

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

```
.background{ background-color:#87D1A0 }
```

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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