

Converting Colors

Hex(87D88D)

Have a look what the booklet for
Hex(87D88D) contains.

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Color

Hex(87D88D)

Conversions

Conversions Part 1

Format	Color
Hex	87D88D
RGB	135, 216, 141
RGB Percent	53%, 85%, 55%
CMY	0.4706, 0.1529, 0.4471
CMYK	0.38, 0.00, 0.35, 0.15
HSL	124°, 51%, 69%
HSV	124°, 38%, 85%
XYZ	39.3553, 56.1857, 33.9700
YIQ	183.2310, -24.2010, -40.4970

Conversions

Conversions Part 2

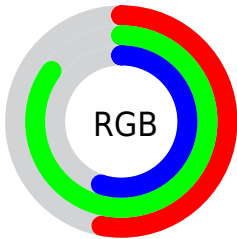
Format	Color
RYB	135, 210, 216
Decimal	8902797
CIELab	79.72, -39.91, 29.39
CIELCh	80, 49.565, 143.637
Yxy	56.1857, 0.3039, 0.4338
Android (android.graphics.Color)	4287092877 (0xFF87D88D)
YUV	183.2310, -20.8199, -42.2986
Hunter-Lab	74.9571, -37.4559, 25.6002

Details

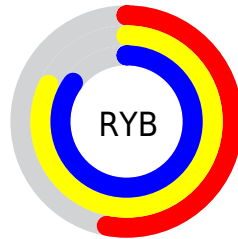
The Hex color **87D88D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D887D2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BFFFC3**, and **51A15A** is the 20% darker color. If you saturate the color by 10%, you get **71D879**, and if you desaturate by 10%, it is **9DD8A1**.

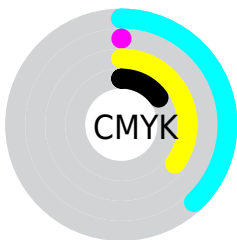
Distribution



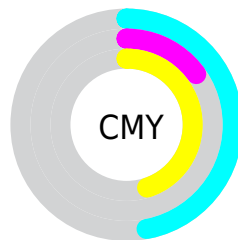
- Red (53%)
- Green (85%)
- Blue (55%)



- Red (53%)
- Yellow (82%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87D88D 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 87D88D by changing the saturation by 10% instead.

 87D88D

 87D88D

FFFFFF

 6CBC73

 BFFFC3

 51A15A

 DCFFDF

 358642

 F9FFFC

 156C2A

 005313

 003B00

 002700

 000000

 87D88D

 87D88D

 71D879

 9DD8A1

 5CD865

 B2D8B5

 46D851

 C8D8C9

 31D83D

 DDD8DD

 1BD829

 F3D8F1

 05D815

 FFD8FF

 00D810

Harmonies

Analogous

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



BECE6E



87D88D



3ADDBA

Triad

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



87D88D



65CDFE



FFA2A3

Complementary

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



87D88D



D887D2

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.



FFA1D1



87D88D



BBBDFE

Square

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



87D88D



00D8FF



F6ACFD



FFAF7D

Rectangle

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



87D88D



00DEDA



F6ACFD



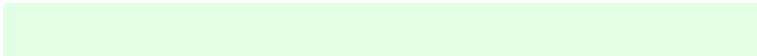
FFA0B2

Sweetspot

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



87D88D



E3FFE5



D3D887



6F8070



000000



808080

Same Dimension

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



87D88D



8CFF95



87D8B5



606B61



00AB0D



002B03

Inverse Universe

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



D887D2



FF8CF6



D887AA



6B606A



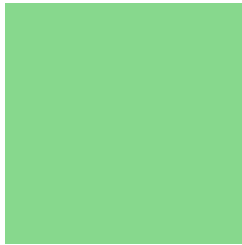
AB009E



2B0028

Previews

White Background



This preview shows how the Hex color 87D88D 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 87D88D 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 87D88D Background



This preview shows how black text looks on a background with the Hex color 87D88D.

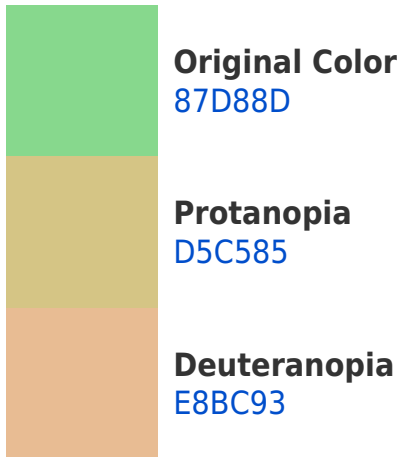


This preview shows how white text looks on a background with the Hex color 87D88D.

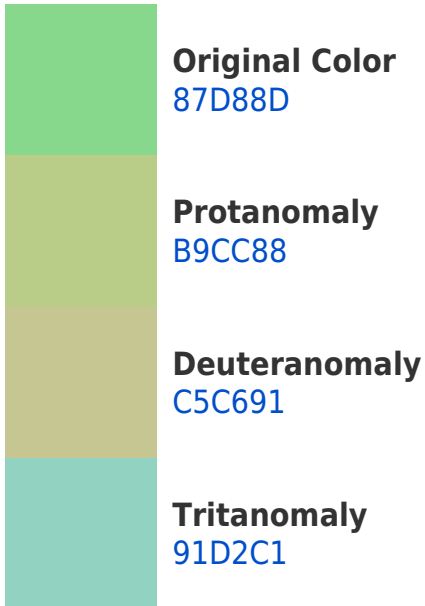
Color Blindness Simulation

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](#).

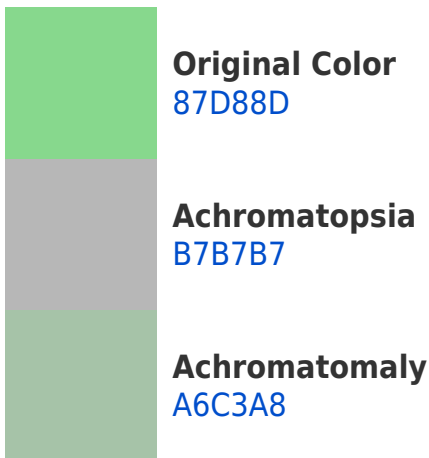
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87D88D 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 #87D88D looks like.

```
.text, #text, p{  
    color:#87D88D  
}
```

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 #87D88D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87D88D
}
```

Border

The CSS property to change the border of an element to Hex 87D88D 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
#87D88D }
```

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

```
.border{ border-color:#87D88D }
```

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

Here you see how a box with a 4 pixel #87D88D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87D88D; -webkit-box-shadow:4px 4px  
4px 4px #87D88D; box-shadow:4px 4px 4px  
4px #87D88D }
```

Background

The CSS property to change the background color of an element to Hex 87D88D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87D88D }
```

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

```
.background{ background-color:#87D88D }
```

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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