

Converting Colors

Hex(87D1CA)

Have a look what the booklet for
Hex(87D1CA) contains.

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Color

Hex(87D1CA)

Conversions

Conversions Part 1

Format	Color
Hex	87D1CA
RGB	135, 209, 202
RGB Percent	53%, 82%, 79%
CMY	0.4706, 0.1804, 0.2078
CMYK	0.35, 0.00, 0.03, 0.18
HSL	174°, 45%, 67%
HSV	174°, 35%, 82%
XYZ	43.4528, 55.0161, 64.2061
YIQ	186.0760, -41.8570, -17.8650

Conversions

Conversions Part 2

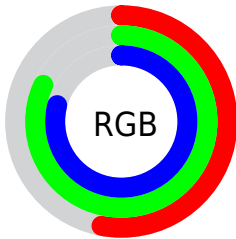
Format	Color
RYB	135, 174, 209
Decimal	8901066
CIELab	79.05, -24.52, -3.83
CIELCh	79, 24.819, 188.885
Yxy	55.0161, 0.2671, 0.3382
Android (android.graphics.Color)	4287091146 (0xFF87D1CA)
YUV	186.0760, 7.8505, -44.7937
Hunter-Lab	74.1728, -25.2315, 0.5979

Details

The Hex color **87D1CA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D1878E**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BFFFFFF**, and **519A94** is the 20% darker color. If you saturate the color by 10%, you get **72D1C8**, and if you desaturate by 10%, it is **9CD1CC**.

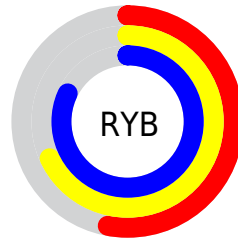
Distribution



Red (53%)

Green (82%)

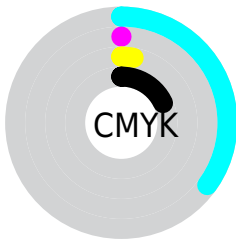
Blue (79%)



Red (53%)

Yellow (68%)

Blue (82%)

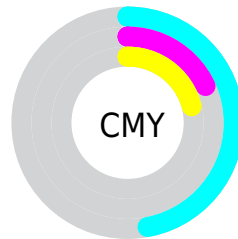


Cyan (35%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (47%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87D1CA 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 87D1CA by changing the saturation by 10% instead.


 87D1CA

 87D1CA

FFFFFF

 6CB5AF

 BFFFFFF

 519A94

 DCFFFF

 35807A

 F9FFFF

 156761

 004E4A

 003733

 00221E

 000005

 000000

87D1CA

87D1CA

72D1C8

9CD1CC

5DD1C6

B1D1CE

48D1C4

C6D1D0

33D1C2

DBD1D2

1FD1C0

F0D1D4

0AD1BE

FFD1D6

00D1BD

FFD1D8

FFD1DA

FFD1DC

Harmonies

Analogous

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



9AD0B2



87D1CA



83CFE0

Triad

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



87D1CA



D0BCE8



E4BD99

Complementary

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



87D1CA



D1878E

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.



F1B6A8



87D1CA



E7B5D5

Square

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



87D1CA



B2C3F1



F3B3BE



CEC496

Rectangle

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



87D1CA



8CCDEB



F3B3BE



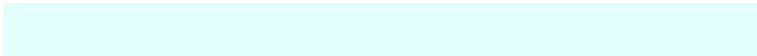
E9BA9D

Sweetspot

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



87D1CA



E3FFFC



8ED187



6F807E



000000



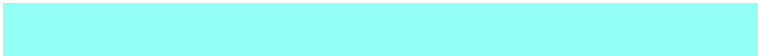
808080

Same Dimension

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



87D1CA



94FFF5



87B3D1



5E6968



00A898



002925

Inverse Universe

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



D1878E



FF949E



D1A587



695E5F



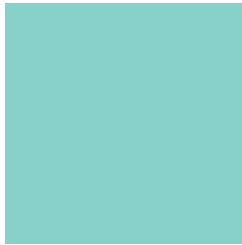
A80010



290004

Previews

White Background



This preview shows how the Hex color 87D1CA looks on a white background.

Color Contrast Check

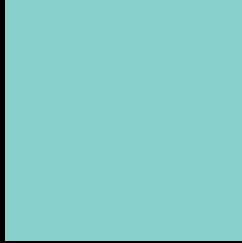
Large Text (above 18pt) WCAG AA × Fail

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 87D1CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

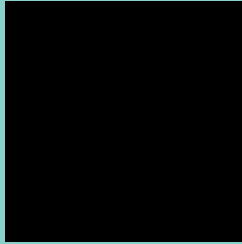
Any Text WCAG AA ✓ Pass

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 87D1CA Background



This preview shows how black text looks on a background with the Hex color 87D1CA.

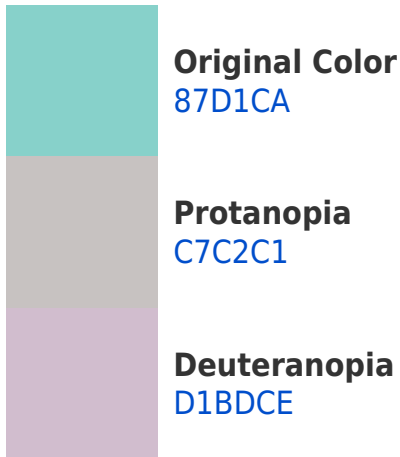


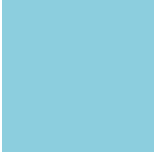
This preview shows how white text looks on a background with the Hex color 87D1CA.

Color Blindness Simulation

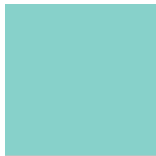
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





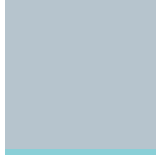
Trichromacy



Original Color
87D1CA



Protanomaly
B0C7C4



Deuteranomaly
B6C4CD

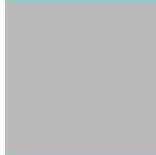


Tritanomaly
8ACFD7

Monochromacy



Original Color
87D1CA



Achromatopsia
BABABA



Achromatomaly
A7C2C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 87D1CA 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 #87D1CA looks like.

```
.text, #text, p{  
    color:#87D1CA  
}
```

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 #87D1CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87D1CA
}
```

Border

The CSS property to change the border of an element to Hex 87D1CA 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
#87D1CA }
```

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

```
.border{ border-color:#87D1CA }
```

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

Here you see how a box with a 4 pixel #87D1CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87D1CA; -webkit-box-shadow:4px 4px  
4px 4px #87D1CA; box-shadow:4px 4px 4px  
4px #87D1CA }
```

Background

The CSS property to change the background color of an element to Hex 87D1CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87D1CA }
```

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

```
.background{ background-color:#87D1CA }
```

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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