

Converting Colors

Hex(87D4C7)

Have a look what the booklet for
Hex(87D4C7) contains.

Hex(87D4C7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87D4C7)

Conversions

Conversions Part 1

Format	Color
Hex	87D4C7
RGB	135, 212, 199
RGB Percent	53%, 83%, 78%
CMY	0.4706, 0.1686, 0.2196
CMYK	0.36, 0.00, 0.06, 0.17
HSL	170°, 47%, 68%
HSV	170°, 36%, 83%
XYZ	43.8440, 56.3614, 62.6008
YIQ	187.4950, -41.7190, -20.3670

Conversions

Conversions Part 2

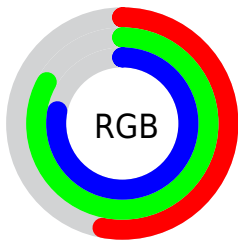
Format	Color
RYB	135, 177, 212
Decimal	8901831
CIELab	79.82, -26.68, -1.10
CIELCh	80, 26.704, 182.359
Yxy	56.3614, 0.2693, 0.3462
Android (android.graphics.Color)	4287091911 (0xFF87D4C7)
YUV	187.4950, 5.6720, -46.0381
Hunter-Lab	75.0742, -27.1344, 3.1128

Details

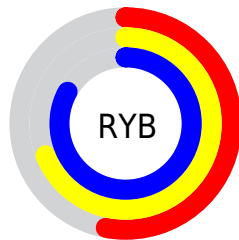
The Hex color **87D4C7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D48794**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BFFFFFF**, and **519D91** is the 20% darker color. If you saturate the color by 10%, you get **72D4C3**, and if you desaturate by 10%, it is **9CD4CB**.

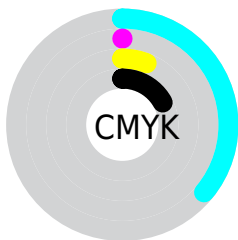
Distribution



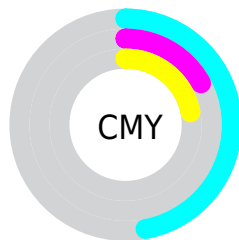
- Red (53%)
- Green (83%)
- Blue (78%)



- Red (53%)
- Yellow (69%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (47%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87D4C7 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 87D4C7 by changing the saturation by 10% instead.


 87D4C7

 87D4C7

FFFFFF

 6CB8AC

 BFFFFFF

 519D91

 DCFFFF

 358378

 F9FFFF

 15695F

 005147

 003931

 00241C

 000002

 000000

 87D4C7

 87D4C7

 72D4C3

 9CD4CB

 5DD4C0

 B1D4CE

 47D4BC

 C7D4D2

 32D4B9

 DCD4D5

 1DD4B5

 F1D4D9

 08D4B2

 FFD4DC

 00D4B0

 FFD4E0

 FFD4E4

 FFD4E7

Harmonies

Analogous

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



9FD2AE



87D4C7



7ED3E0

Triad

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



87D4C7



CCBFF0



ECBD9B

Complementary

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



87D4C7



D48794

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.



F8B6AC



87D4C7



E8B7DD

Square

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



87D4C7



AAC7F7



F7B4C5



D6C594

Rectangle

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



87D4C7



85D0EC



F7B4C5



F1BA9F

Sweetspot

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



87D4C7



E3FFFA



95D487



6F807D



000000



808080

Same Dimension

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



87D4C7



8FFFE0



87BCD4



606B69



00AB8E



002B24

Inverse Universe

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



D48794



FF8FA2



D49F87



6B6062



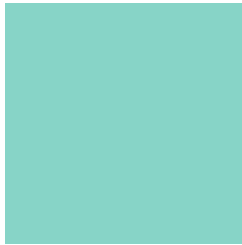
AB001D



2B0007

Previews

White Background



This preview shows how the Hex color 87D4C7 looks on a white background.

Color Contrast Check

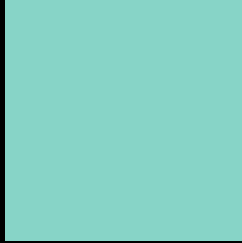
Large Text (above 18pt) WCAG AA × Fail

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 87D4C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

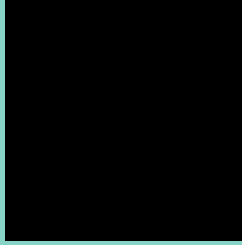
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

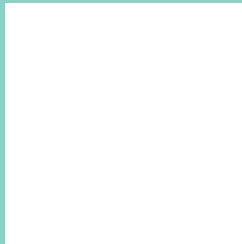
Any Text WCAG AAA ✓ Pass

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

Hex 87D4C7 Background



This preview shows how black text looks on a background with the Hex color 87D4C7.



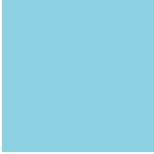
This preview shows how white text looks on a background with the Hex color 87D4C7.

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
8DD0E1

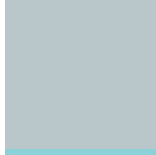
Trichromacy



Original Color
87D4C7



Protanomaly
B2CAC1



Deuteranomaly
B9C7CA



Tritanomaly
8BD1D8

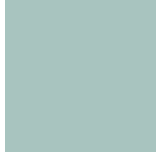
Monochromacy



Original Color
87D4C7



Achromatopsia
BBBBBB



Achromatomaly
A8C4BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 87D4C7 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 #87D4C7 looks like.

```
.text, #text, p{  
    color:#87D4C7  
}
```

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 #87D4C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87D4C7
}
```

Border

The CSS property to change the border of an element to Hex 87D4C7 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
#87D4C7 }
```

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

```
.border{ border-color:#87D4C7 }
```

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

Here you see how a box with a 4 pixel #87D4C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87D4C7; -webkit-box-shadow:4px 4px  
4px 4px #87D4C7; box-shadow:4px 4px 4px  
4px #87D4C7 }
```

Background

The CSS property to change the background color of an element to Hex 87D4C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87D4C7 }
```

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

```
.background{ background-color:#87D4C7 }
```

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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