

Converting Colors

Hex(87C4D8)

Have a look what the booklet for
Hex(87C4D8) contains.

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Color

Hex(87C4D8)

Conversions

Conversions Part 1

Format	Color
Hex	87C4D8
RGB	135, 196, 216
RGB Percent	53%, 77%, 85%
CMY	0.4706, 0.2314, 0.1529
CMYK	0.38, 0.09, 0.00, 0.15
HSL	195°, 51%, 69%
HSV	195°, 38%, 85%
XYZ	42.1263, 49.5886, 72.3170
YIQ	180.0410, -42.7760, -6.7120

Conversions

Conversions Part 2

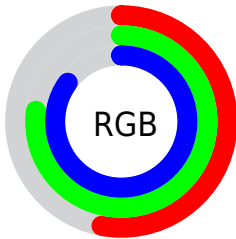
Format	Color
RYB	135, 170, 216
Decimal	8897752
CIELab	75.82, -14.54, -16.19
CIElCh	76, 21.764, 228.082
Yxy	49.5886, 0.2568, 0.3023
Android (android.graphics.Color)	4287087832 (0xFF87C4D8)
YUV	180.0410, 17.7278, -39.5010
Hunter-Lab	70.4192, -16.4510, -11.5945

Details

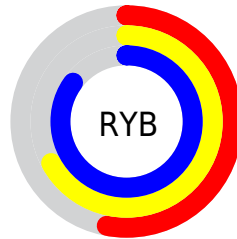
The Hex color **87C4D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D89B87**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BFFDFF**, and **518EA1** is the 20% darker color. If you saturate the color by 10%, you get **71BFD8**, and if you desaturate by 10%, it is **9DC9D8**.

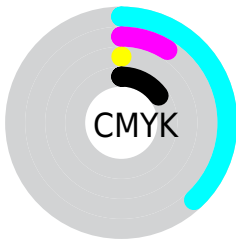
Distribution



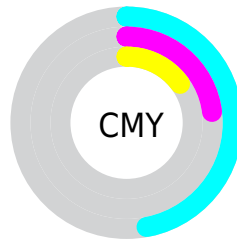
- Red (53%)
- Green (77%)
- Blue (85%)



- Red (53%)
- Yellow (67%)
- Blue (85%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C4D8 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 87C4D8 by changing the saturation by 10% instead.

 87C4D8

 87C4D8

FFFFFF

 6CA9BC

 BFFDFF

 518EA1

 DCFFFF

 357587

 F9FFFF

 155C6E

 004455

 002E3E

 001A28

 000113

 000000

87C4D8

87C4D8

71BFD8

9DC9D8

5CB9D8

B2CFD8

46B4D8

C8D4D8

31AFD8

DDD9D8

1BA9D8

F3DFD8

05A4D8

FFE4D8

00A3D8

FFE9D8

FFEFD8

FFF4D8

Harmonies

Analogous

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



85C6C7



87C4D8



99BFE2

Triad

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



87C4D8



DEADC4



BDBD95

Complementary

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



87C4D8



D89B87

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.



D2B794



87C4D8



E5ADAF

Square

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



87C4D8



CDB2D6



E0B19E



A6C3A0

Rectangle

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



87C4D8



ABBBE2



E0B19E



C5BB93

Sweetspot

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



87C4D8



E3F8FF



87D89A



6F7B80



000000



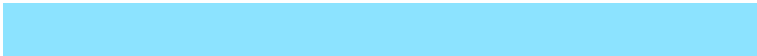
808080

Same Dimension

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



87C4D8



8CE3FF



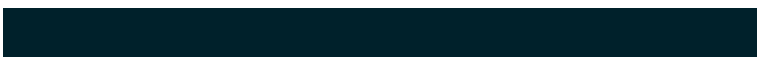
879DD8



60686B



0081AB



00212B

Inverse Universe

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



D887C4



FF8CE3



D8C287



6B6068



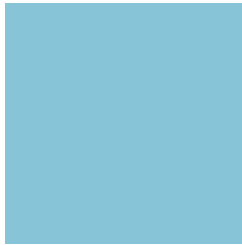
AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 87C4D8 looks on a white background.

Color Contrast Check

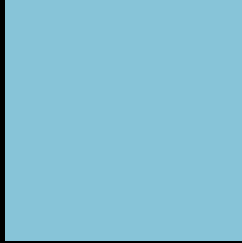
Large Text (above 18pt) WCAG AA × Fail

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 87C4D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

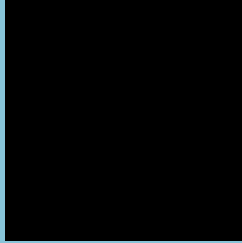
Any Text WCAG AA ✓ Pass

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 87C4D8 Background



This preview shows how black text looks on a background with the Hex color 87C4D8.

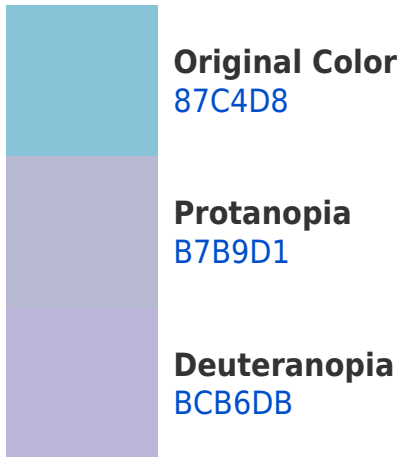


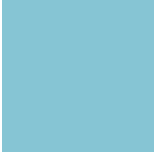
This preview shows how white text looks on a background with the Hex color 87C4D8.

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](#).

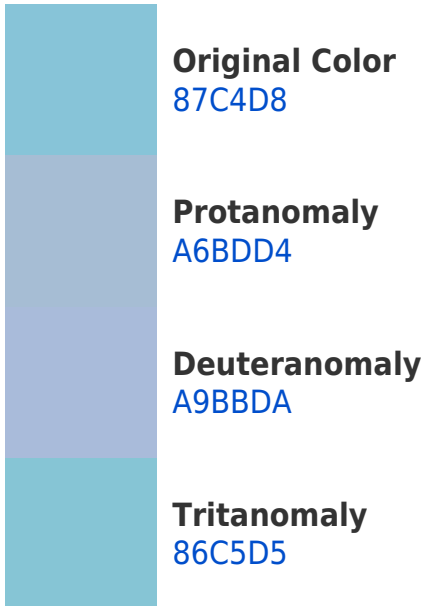
Dichromacy



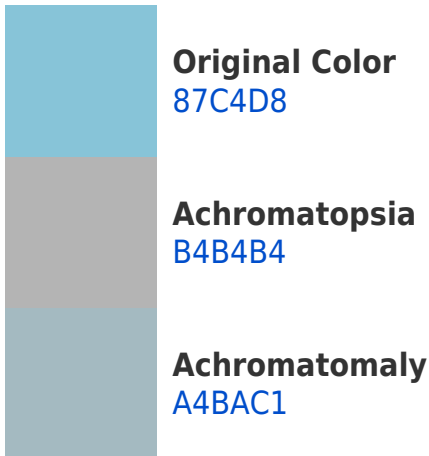


Tritanopia
86C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C4D8 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 #87C4D8 looks like.

```
.text, #text, p{  
    color:#87C4D8  
}
```

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 #87C4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C4D8
}
```

Border

The CSS property to change the border of an element to Hex 87C4D8 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
#87C4D8 }
```

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

```
.border{ border-color:#87C4D8 }
```

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

Here you see how a box with a 4 pixel #87C4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C4D8; -webkit-box-shadow:4px 4px  
4px 4px #87C4D8; box-shadow:4px 4px 4px  
4px #87C4D8 }
```

Background

The CSS property to change the background color of an element to Hex 87C4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C4D8 }
```

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

```
.background{ background-color:#87C4D8 }
```

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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