

Converting Colors

Hex(87C7DE)

Have a look what the booklet for
Hex(87C7DE) contains.

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Color

Hex(87C7DE)

Conversions

Conversions Part 1

Format	Color
Hex	87C7DE
RGB	135, 199, 222
RGB Percent	53%, 78%, 87%
CMY	0.4706, 0.2196, 0.1294
CMYK	0.39, 0.10, 0.00, 0.13
HSL	196°, 57%, 70%
HSV	196°, 39%, 87%
XYZ	43.5999, 51.2717, 76.7057
YIQ	182.4860, -45.5270, -6.4150

Conversions

Conversions Part 2

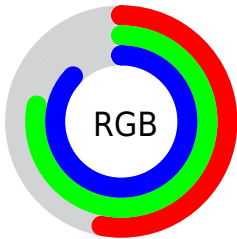
Format	Color
RYB	135, 172, 222
Decimal	8898526
CIELab	76.84, -14.57, -17.88
CIElCh	77, 23.070, 230.825
Yxy	51.2717, 0.2541, 0.2988
Android (android.graphics.Color)	4287088606 (0xFF87C7DE)
YUV	182.4860, 19.4804, -41.6452
Hunter-Lab	71.6042, -16.6185, -13.3912

Details

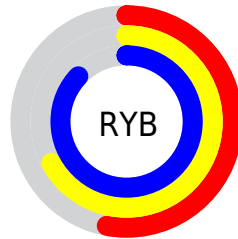
The Hex color **87C7DE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DE9E87**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BFFFFFF**, and **5091A7** is the 20% darker color. If you saturate the color by 10%, you get **71C1DE**, and if you desaturate by 10%, it is **9DCDDE**.

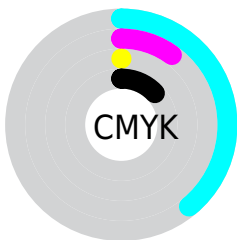
Distribution



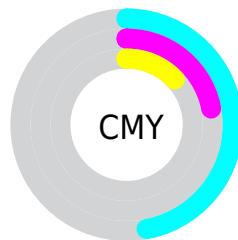
- Red (53%)
- Green (78%)
- Blue (87%)



- Red (53%)
- Yellow (67%)
- Blue (87%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C7DE 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 87C7DE by changing the saturation by 10% instead.

 87C7DE

 87C7DE

FFFFFF

 6BACC2


 BFFFFFF

 5091A7

 DCFFFF

 34778C

 F9FFFF

 115F73

 00475A

 003043

 001C2C

 000118

 000000

 87C7DE

 87C7DE

 71C1DE

 9DCDDE

 5BBBDE

 B3D3DE

 44B5DE

 CAD9DE

 2EB0DE

 E0DEDE

 18AADE

 F6E4DE

 02A4DE

 FFEADE

 00A3DE

 FFF0DE

 FFF6DE

 FFFCDE

Harmonies

Analogous

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



83CACC



87C7DE



9CC2E7

Triad

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



87C7DE



E4AFC5



BEC196

Complementary

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



87C7DE



DE9E87

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.



D4BA94



87C7DE



EAAFAF

Square

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



87C7DE



D3B3D9



E4B39D



A6C6A2

Rectangle

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



87C7DE



AFBDE7



E4B39D



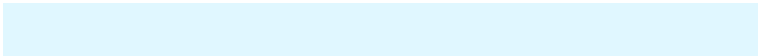
C6BF94

Sweetspot

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



87C7DE



E0F7FF



87DE9D



6E7B80



000000



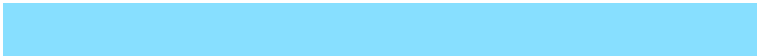
808080

Same Dimension

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



87C7DE



87DFFF



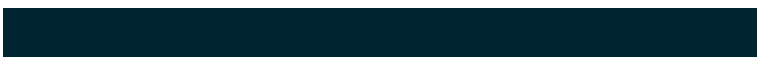
879DDE



656D70



0081B0



002430

Inverse Universe

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



DE87C7



FF87DF



DEC887



70656D



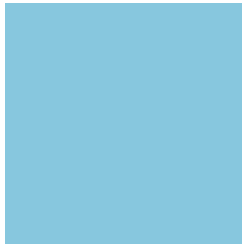
B00081



300024

Previews

White Background



This preview shows how the Hex color 87C7DE looks on a white background.

Color Contrast Check

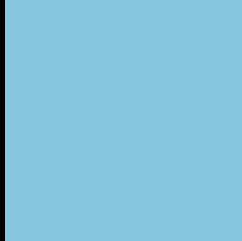
Large Text (above 18pt) WCAG AA × Fail

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 87C7DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

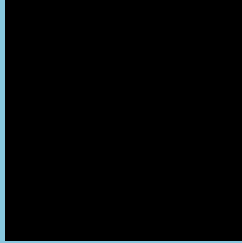
Any Text WCAG AA ✓ Pass

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 87C7DE Background



This preview shows how black text looks on a background with the Hex color 87C7DE.



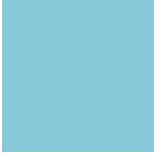
This preview shows how white text looks on a background with the Hex color 87C7DE.

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



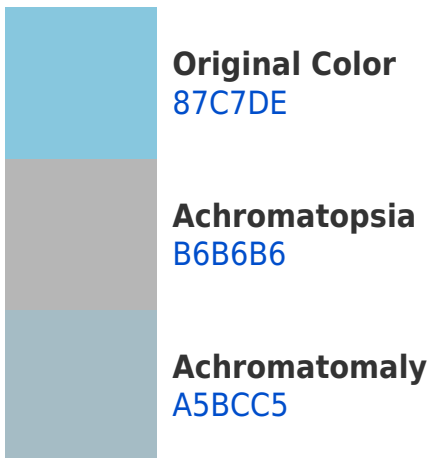


Tritanopia
85C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C7DE 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 #87C7DE looks like.

```
.text, #text, p{  
    color:#87C7DE  
}
```

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 #87C7DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C7DE
}
```

Border

The CSS property to change the border of an element to Hex 87C7DE 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
#87C7DE }
```

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

```
.border{ border-color:#87C7DE }
```

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

Here you see how a box with a 4 pixel #87C7DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C7DE; -webkit-box-shadow:4px 4px  
4px 4px #87C7DE; box-shadow:4px 4px 4px  
4px #87C7DE }
```

Background

The CSS property to change the background color of an element to Hex 87C7DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C7DE }
```

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

```
.background{ background-color:#87C7DE }
```

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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