

Converting Colors

Hex(87ECD6)

Have a look what the booklet for
Hex(87ECD6) contains.

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Color

Hex(87ECD6)

Conversions

Conversions Part 1

Format	Color
Hex	87ECD6
RGB	135, 236, 214
RGB Percent	53%, 93%, 84%
CMY	0.4706, 0.0745, 0.1608
CMYK	0.43, 0.00, 0.09, 0.07
HSL	167°, 73%, 73%
HSV	167°, 43%, 93%
XYZ	52.1247, 69.9968, 74.3818
YIQ	203.2930, -53.1340, -28.2540

Conversions

Conversions Part 2

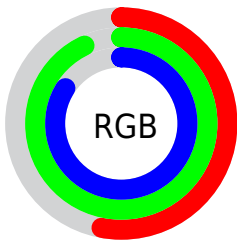
Format	Color
RYB	135, 192, 236
Decimal	8907990
CIELab	87.00, -34.68, 1.44
CIELCh	87, 34.710, 177.630
Yxy	69.9968, 0.2653, 0.3562
Android (android.graphics.Color)	4287098070 (0xFF87ECD6)
YUV	203.2930, 5.2786, -59.8930
Hunter-Lab	83.6641, -35.2025, 5.8529

Details

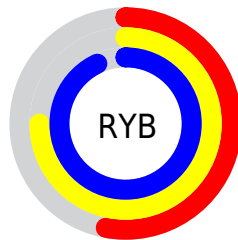
The Hex color **87ECD6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC879D**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C1FFFF**, and **4DB49F** is the 20% darker color. If you saturate the color by 10%, you get **6FECD1**, and if you desaturate by 10%, it is **9FECDB**.

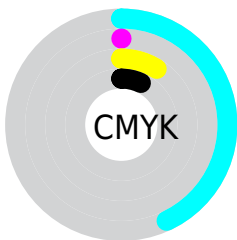
Distribution



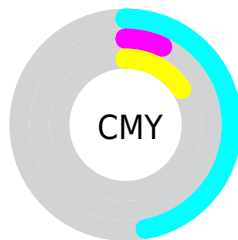
- Red (53%)
- Green (93%)
- Blue (84%)



- Red (53%)
- Yellow (75%)
- Blue (93%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (47%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87ECD6 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 87ECD6 by changing the saturation by 10% instead.

 87ECD6

 87ECD6

FFFFFF

 6AD0BA

 C1FFFF

 4DB49F

 DEFFFF

 2E9985

 FCFFFF

 007E6C

 006554

 004C3D

 003527

 002112

 000000

 87ECD6

 87ECD6

 6FECD1

 9FECD8

 58ECCC

 B6ECE0

 40ECC7

 CEECE5

 29ECC1

 E5ECEB

 11ECBC

 FDECF0

 00ECB9

 FFECF5

 FFECFA

 FFECFF

Harmonies

Analogous

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



ABE8B6



87ECD6



72EBF7

Triad

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



87ECD6



DBD2FF



FFCA3

Complementary

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



87ECD6



EC879D

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.



FFC3BD



87ECD6



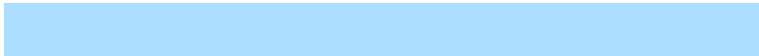
FFC8FE

Square

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



87ECD6



ACDEFF



FFC2DE



F4D798

Rectangle

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



87ECD6



78E9FF



FFC2DE



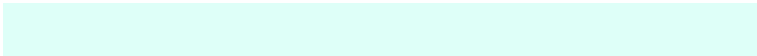
FFC9AB

Sweetspot

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



87ECD6



DEFFF8



9FEC87



6B807B



000000



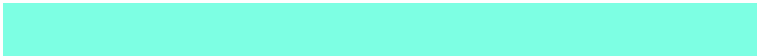
808080

Same Dimension

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



87ECD6



7DFFE3



87D1EC



6A7573



00B58E



00362A

Inverse Universe

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



EC879D



FF7D99



ECA287



756A6C



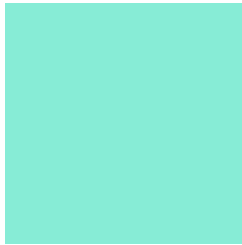
B50027



36000C

Previews

White Background



This preview shows how the Hex color 87ECD6 looks on a white background.

Color Contrast Check

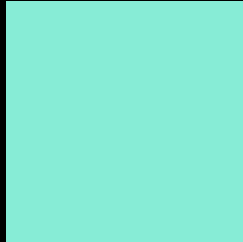
Large Text (above 18pt) WCAG AA × Fail

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 87ECD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

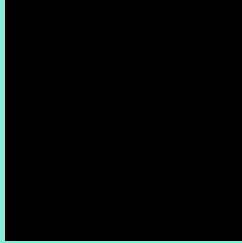
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

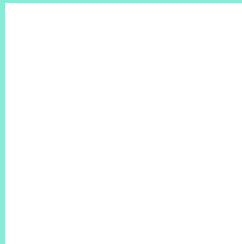
Any Text WCAG AAA ✓ Pass

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

Hex 87ECD6 Background



This preview shows how black text looks on a background with the Hex color 87ECD6.



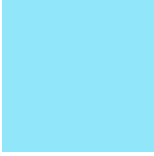
This preview shows how white text looks on a background with the Hex color 87ECD6.

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
91E7F9

Trichromacy



Original Color
87ECD6



Protanomaly
C0DFCF



Deuteranomaly
C7DBDA

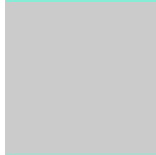


Tritanomaly
8DE9EC

Monochromacy



Original Color
87ECD6



Achromatopsia
CBCBCB



Achromatomaly
B2D7CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 87ECD6 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 #87ECD6 looks like.

```
.text, #text, p{  
    color:#87ECD6  
}
```

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 #87ECD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87ECD6  
}
```

Border

The CSS property to change the border of an element to Hex 87ECD6 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  
#87ECD6 }
```

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

```
.border{ border-color:#87ECD6 }
```

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

Here you see how a box with a 4 pixel #87ECD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87ECD6; -webkit-box-shadow:4px 4px  
4px 4px #87ECD6; box-shadow:4px 4px 4px  
4px #87ECD6 }
```

Background

The CSS property to change the background color of an element to Hex 87ECD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87ECD6 }
```

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

```
.background{ background-color:#87ECD6 }
```

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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