

Converting Colors

Hex(85EDE6)

Have a look what the booklet for
Hex(85EDE6) contains.

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Color

Hex(85EDE6)

Conversions

Conversions Part 1

Format	Color
Hex	85EDE6
RGB	133, 237, 230
RGB Percent	52%, 93%, 90%
CMY	0.4784, 0.0706, 0.0980
CMYK	0.44, 0.00, 0.03, 0.07
HSL	176°, 74%, 73%
HSV	176°, 44%, 93%
XYZ	54.2400, 71.2681, 85.7603
YIQ	205.1060, -59.7370, -24.2250

Conversions

Conversions Part 2

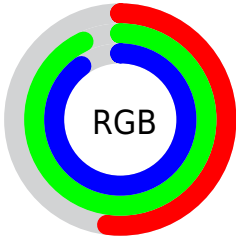
Format	Color
RYB	133, 187, 237
Decimal	8777190
CIELab	87.62, -31.89, -6.06
CIELCh	88, 32.458, 190.752
Yxy	71.2681, 0.2567, 0.3373
Android (android.graphics.Color)	4286967270 (0xFF85EDE6)
YUV	205.1060, 12.2727, -63.2370
Hunter-Lab	84.4204, -33.0498, -1.1367

Details

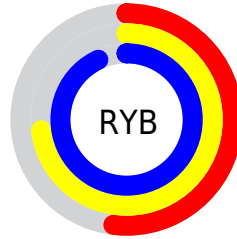
The Hex color **85EDE6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ED858C**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **BFFFFFF**, and **4AB5AF** is the 20% darker color. If you saturate the color by 10%, you get **6DEDE4**, and if you desaturate by 10%, it is **9DEDE8**.

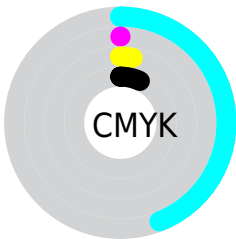
Distribution



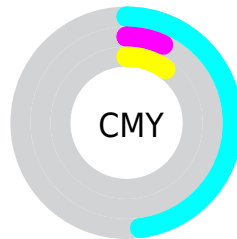
- Red (52%)
- Green (93%)
- Blue (90%)



- Red (52%)
- Yellow (73%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (48%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85EDE6 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 85EDE6 by changing the saturation by 10% instead.

 85EDE6

 85EDE6

FFFFFF

 68D1CA

 BFFFFFF

 4AB5AF

 DDFFFF

 279A94

 FBFFFF

 007F7A

 006661

 004D4A

 003633

 00221E

 000005

 85EDE6

 85EDE6

 6DEDE4

 9DEDE8

 56EDE3

 B4EDE9

 3EEDE1

 CCEDEB

 26EDE0

 E4EDEC

 0FEDDE

 FBEEDE

 00EDDD

 FFEDF0

 FFEDF1

 FFEDF3

 FFEDF4

Harmonies

Analogous

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



A1EBC6



85EDE6



80EBFF

Triad

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



85EDE6



EED0FF



FFD3A2

Complementary

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



85EDE6



ED858C

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.



FFCAB5



85EDE6



FFC7F1

Square

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



85EDE6



C5DBFF



FFC5D1



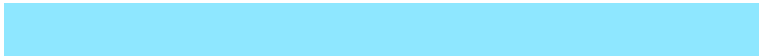
E7DD9F

Rectangle

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



85EDE6



8EE7FF



FFC5D1



FFCFA7

Sweetspot

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



85EDE6



DEFFFD



8EED85



6B807E



000000



808080

Same Dimension

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



85EDE6



78FFF6



85C2ED



6A7575



00B5A9



003632

Inverse Universe

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



ED858C



FF7881



EDB085



756A6A



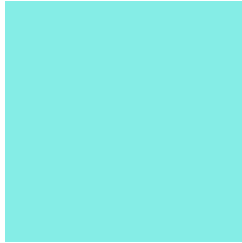
B5000C



360004

Previews

White Background



This preview shows how the Hex color 85EDE6 looks on a white background.

Color Contrast Check

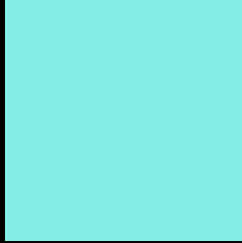
Large Text (above 18pt) WCAG AA × Fail

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 85EDE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

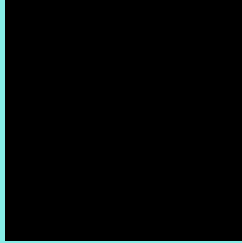
Any Text WCAG AA ✓ Pass

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 85EDE6 Background



This preview shows how black text looks on a background with the Hex color 85EDE6.



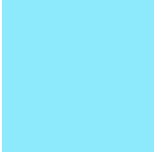
This preview shows how white text looks on a background with the Hex color 85EDE6.

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



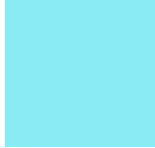
Original Color
85EDE6



Protanomaly
BEE0DE



Deuteranomaly
C4DDE9

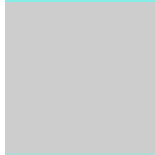


Tritanomaly
89EBF4

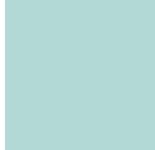
Monochromacy



Original Color
85EDE6



Achromatopsia
CDCDCD



Achromatomaly
B3D9D6

CSS Examples

Text

The CSS property to change the color of the text to Hex 85EDE6 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 #85EDE6 looks like.

```
.text, #text, p{  
    color:#85EDE6  
}
```

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 #85EDE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85EDE6  
}
```

Border

The CSS property to change the border of an element to Hex 85EDE6 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  
#85EDE6 }
```

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

```
.border{ border-color:#85EDE6 }
```

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

Here you see how a box with a 4 pixel #85EDE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85EDE6; -webkit-box-shadow:4px 4px  
4px 4px #85EDE6; box-shadow:4px 4px 4px  
4px #85EDE6 }
```

Background

The CSS property to change the background color of an element to Hex 85EDE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85EDE6 }
```

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

```
.background{ background-color:#85EDE6 }
```

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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