

Converting Colors

Hex(85EED9)

Have a look what the booklet for
Hex(85EED9) contains.

| | |
|------------------------------------------------|----|
| Hex(85EED9) | 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(85EED9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85EED9 |
| RGB | 133, 238, 217 |
| RGB Percent | 52%, 93%, 85% |
| CMY | 0.4784, 0.0667, 0.1490 |
| CMYK | 0.44, 0.00, 0.09, 0.07 |
| HSL | 168°, 76%, 73% |
| HSV | 168°, 44%, 93% |
| XYZ | 52.7718, 71.1454, 76.5967 |
| YIQ | 204.2110, -55.8390, -28.7910 |

Conversions

Conversions Part 2

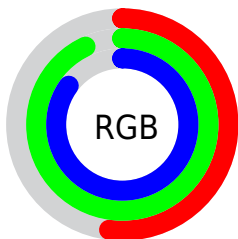
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 133, 191, 238 |
| Decimal | 8777433 |
| CIELab | 87.56, -35.41, 0.67 |
| CIELCh | 88, 35.415, 178.916 |
| Yxy | 71.1454, 0.2632, 0.3548 |
| Android (android.graphics.Color) | 4286967513 (0xFF85EED9) |
| YUV | 204.2110, 6.3050, -62.4520 |
| Hunter-Lab | 84.3477, -35.9307, 5.2018 |

Details

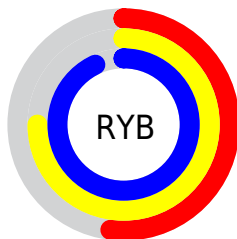
The Hex color **85EED9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EE859A**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **BFFFFFF**, and **4AB6A2** is the 20% darker color. If you saturate the color by 10%, you get **6DEED4**, and if you desaturate by 10%, it is **9DEEDE**.

Distribution



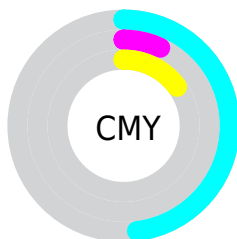
- Red (52%)
- Green (93%)
- Blue (85%)



- Red (52%)
- Yellow (75%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (48%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85EED9 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 85EED9 by changing the saturation by 10% instead.

 85EED9

FFFFFF

 BFFFFFF

 DCFFFF


 FAFFFF

 85EED9

 68D1BD

 4AB6A2

 299A88

 00806F

 006656

 004E3F

 003629

 002215

 000000

 85EED9

 85EED9

 6DEED4

 9DEEDE

 55EECF

 B5EEE3

 3EEECB

 CCEEE7

 26EEC6

 E4EEEC

 0EEEC1

 FCEEF1

 00EEBE

 FFEEF6

 FFEEFA

 FFEEFF

Harmonies

Analogous

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



AAEBB8



85EED9



71EDFB

Triad

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



85EED9



DFD3FF



FFCEA3

Complementary

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



85EED9



EE859A

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.



FFC5BD



85EED9



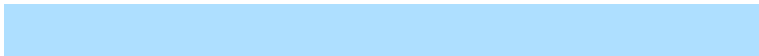
FFC8FF

Square

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



85EED9



AEDFFF



FFC3DE



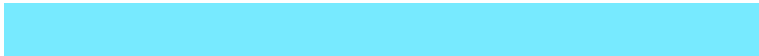
F4D998

Rectangle

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



85EED9



77EAFF



FFC3DE



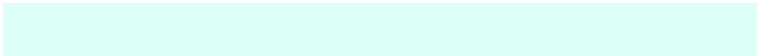
FFCAAA

Sweetspot

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



85EED9



DEFFF8



9AEE85



6B807B



000000



808080

Same Dimension

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



85EED9



78FFE4



85CEEE



6C7875



00B893



00382D

Inverse Universe

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



EE859A



FF7893



EEA485



786C6E



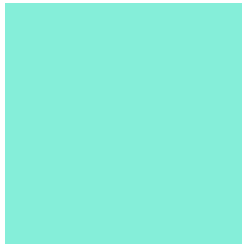
B80025



38000B

Previews

White Background



This preview shows how the Hex color 85EED9 looks on a white background.

Color Contrast Check

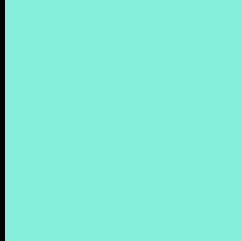
Large Text (above 18pt) WCAG AA × Fail

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 85EED9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

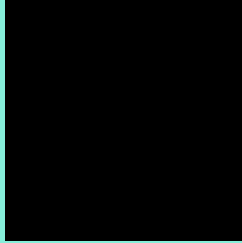
Any Text WCAG AA ✓ Pass

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 85EED9 Background



This preview shows how black text looks on a background with the Hex color 85EED9.

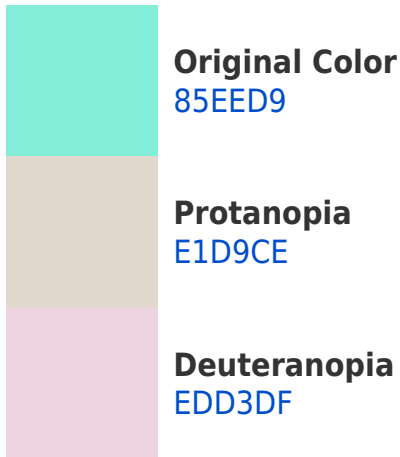


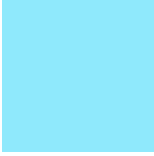
This preview shows how white text looks on a background with the Hex color 85EED9.

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
8FE9FC

Trichromacy



Original Color
85EED9



Protanomaly
C0E1D2



Deuteranomaly
C7DDDD

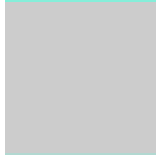


Tritanomaly
8BEBEF

Monochromacy



Original Color
85EED9



Achromatopsia
CCCCCC



Achromatomaly
B2D8D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 85EED9 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 #85EED9 looks like.

```
.text, #text, p{  
    color:#85EED9  
}
```

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 #85EED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85EED9
}
```

Border

The CSS property to change the border of an element to Hex 85EED9 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
#85EED9 }
```

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

```
.border{ border-color:#85EED9 }
```

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

Here you see how a box with a 4 pixel #85EED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85EED9; -webkit-box-shadow:4px 4px  
4px 4px #85EED9; box-shadow:4px 4px 4px  
4px #85EED9 }
```

Background

The CSS property to change the background color of an element to Hex 85EED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85EED9 }
```

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

```
.background{ background-color:#85EED9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor