

# Converting Colors

Hex(86EAE3)

Have a look what the booklet for  
Hex(86EAE3) contains.

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# **Color**

**Hex(86EAE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86EAE3
RGB	134, 234, 227
RGB Percent	53%, 92%, 89%
CMY	0.4745, 0.0824, 0.1098
CMYK	0.43, 0.00, 0.03, 0.08
HSL	176°, 70%, 72%
HSV	176°, 43%, 92%
XYZ	53.1195, 69.4600, 83.2805
YIQ	203.3020, -57.3530, -23.3770

# Conversions

## Conversions Part 2

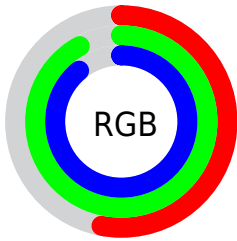
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 186, 234
Decimal	8841955
CIELab	86.73, -30.95, -5.78
CIELCh	87, 31.490, 190.579
Yxy	69.4600, 0.2580, 0.3374
Android (android.graphics.Color)	4287032035 (0xFF86EAE3)
YUV	203.3020, 11.6831, -60.7779
Hunter-Lab	83.3427, -32.0806, -0.9059

# Details

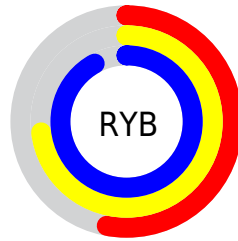
The Hex color **86EAE3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EA868D**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C0FFFF**, and **4CB2AC** is the 20% darker color. If you saturate the color by 10%, you get **6FEAE1**, and if you desaturate by 10%, it is **9DEAE5**.

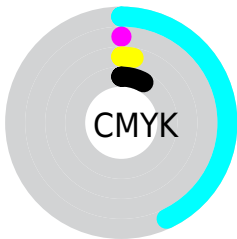
# Distribution



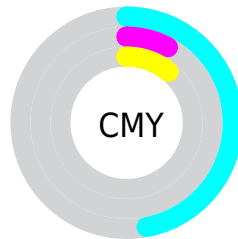
- Red (53%)
- Green (92%)
- Blue (89%)



- Red (53%)
- Yellow (73%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86EAE3 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 86EAE3 by changing the saturation by 10% instead.



 86EAE3

 86EAE3

FFFFFF

 69CEC7

 C0FFFF

 4CB2AC

 DDFFFF

 2B9791

 FBFFFF

 007D78

 00635F

 004B47

 003331

 00201C

 000000

 86EAE3

 86EAE3

 6FEAE1

 9DEAE5

 57EAE0

 B5EAE6

 40EADE

 CCEAE8

 28EADC

 E4EAEA

 11EADB

 FBEAEB

 00EADA

 FFEAED

 FFEAEE

 FFEAF0

 FFEAF2

# Harmonies

## Analogous

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



A1E8C4



86EAE3



81E8FF

# Triad

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



86EAE3



EBCEFF



FFD1A1

# Complementary

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



86EAE3



EA868D

# 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.



FFC8B4



86EAE3



FFC6EE

# Square

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



86EAE3



C3D8FF



FFC3CF



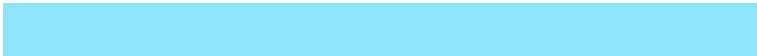
E4DB9E

# Rectangle

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



86EAE3



8FE4FF



FFC3CF



FFCDA6



# Sweetspot

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



86EAE3



DEFFFD



8EEA86



6B807E



000000



808080

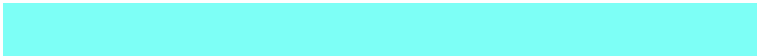


# Same Dimension

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



86EAE3



7DFFF6



86C0EA



6A7574



00B5A8



003632



# Inverse Universe

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



EA868D



FF7D86



EAB086



756A6A



B5000D

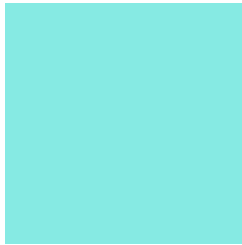


360004



# Previews

## White Background



This preview shows how the Hex color 86EAE3 looks on a white background.

## Color Contrast Check

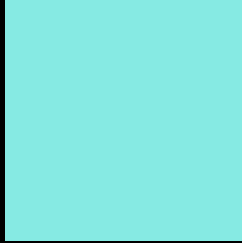
Large Text (above 18pt) WCAG AA × Fail

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 86EAE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

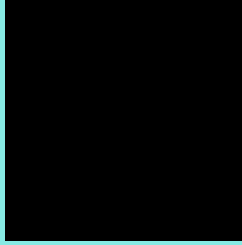
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86EAE3 Background



This preview shows how black text looks on a background with the Hex color 86EAE3.

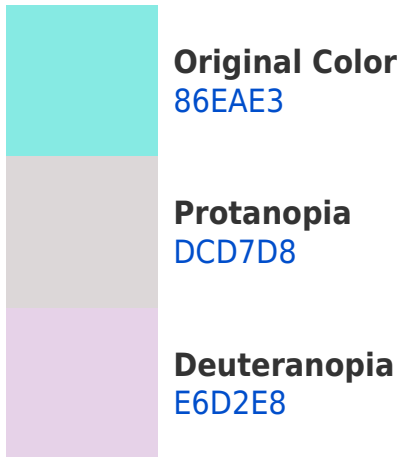


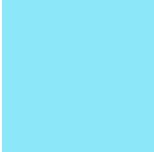
This preview shows how white text looks on a background with the Hex color 86EAE3.

# 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**  
8CE7F9

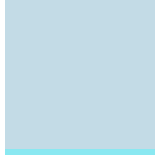
# Trichromacy



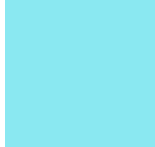
**Original Color**  
86EAE3



**Protanomaly**  
BDDDC



**Deuteranomaly**  
C3DBE6

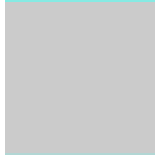


**Tritanomaly**  
8AE8F1

# Monochromacy



**Original Color**  
86EAE3



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
B2D6D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86EAE3 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 #86EAE3 looks like.

```
.text, #text, p{  
    color:#86EAE3  
}
```

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 #86EAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86EAE3  
}
```

## Border

The CSS property to change the border of an element to Hex 86EAE3 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  
#86EAE3 }
```

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

```
.border{ border-color:#86EAE3 }
```

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

Here you see how a box with a 4 pixel #86EAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86EAE3; -webkit-box-shadow:4px 4px  
4px 4px #86EAE3; box-shadow:4px 4px 4px  
4px #86EAE3 }
```

# Background

The CSS property to change the background color of an element to Hex 86EAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86EAE3 }
```

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

```
.background{ background-color:#86EAE3 }
```

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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