

Converting Colors

Hex(86EAA8)

Have a look what the booklet for
Hex(86EAA8) contains.

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Color

Hex(86EAA8)

Conversions

Conversions Part 1

Format	Color
Hex	86EAA8
RGB	134, 234, 168
RGB Percent	53%, 92%, 66%
CMY	0.4745, 0.0824, 0.3412
CMYK	0.43, 0.00, 0.28, 0.08
HSL	140°, 70%, 72%
HSV	140°, 43%, 92%
XYZ	46.3222, 66.7411, 47.4867
YIQ	196.5760, -38.4140, -41.7260

Conversions

Conversions Part 2

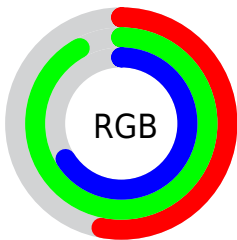
Format	Color
RYB	134, 209, 234
Decimal	8841896
CIELab	85.37, -43.47, 23.11
CIElCh	85, 49.236, 152.005
Yxy	66.7411, 0.2885, 0.4157
Android (android.graphics.Color)	4287031976 (0xFF86EAA8)
YUV	196.5760, -14.0880, -54.8792
Hunter-Lab	81.6952, -41.7549, 22.7234

Details

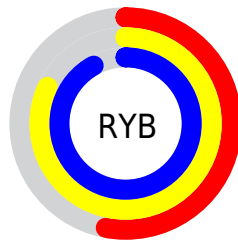
The Hex color **86EAA8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EA86C8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BFFFDF**, and **4DB274** is the 20% darker color. If you saturate the color by 10%, you get **6FEA99**, and if you desaturate by 10%, it is **9DEAB7**.

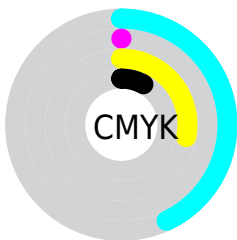
Distribution



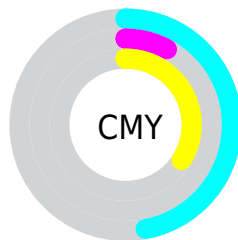
- Red (53%)
- Green (92%)
- Blue (66%)



- Red (53%)
- Yellow (82%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (28%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86EAA8 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 86EAA8 by changing the saturation by 10% instead.

 86EAA8

 86EAA8

FFFFFF

 6ACD8D

 BFFFDF

 4DB274

 DCFFFC

 2F965B

 FAFFFF

 007C43

 00622C

 004A16

 003200

 001B00

 000000

 86EAA8

 86EAA8

 6FEA99

 9DEAB7

 57EA89


 B5EAC7

 40EA7A

 CCEAD6

 28EA6A

 E4EAE6

 11EA5B

 FBEAF5

 00EA50

 FFEAFF

Harmonies

Analogous

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



BFE184



86EAA8



36EED7

Triad

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



86EAA8



93D9FF



FFB5A6

Complementary

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



86EAA8



EA86C8

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.



FFB0D4



86EAA8



DEC8FF

Square

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



86EAA8



21E6FF



FFB8FF



FFC384

Rectangle

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



86EAA8



00EEF7



FFB8FF



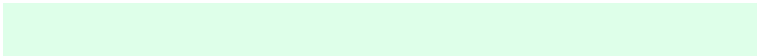
FFB2B5

Sweetspot

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



86EAA8



DEFFE9



C9EA86



6B8072



000000



808080

Same Dimension

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



86EAA8



7DFFA9



86EAD9



6A756E



00B53E



003612

Inverse Universe

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



EA86C8



FF7DD3



EA8697



756A71



B50077



360023

Previews

White Background



This preview shows how the Hex color 86EAA8 looks on a white background.

Color Contrast Check

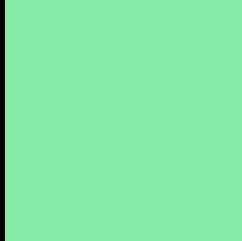
Large Text (above 18pt) WCAG AA × Fail

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 86EAA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

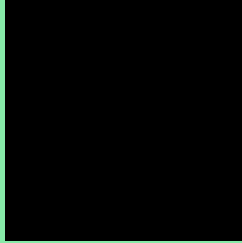
Any Text WCAG AA ✓ Pass

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 86EAA8 Background



This preview shows how black text looks on a background with the Hex color 86EAA8.

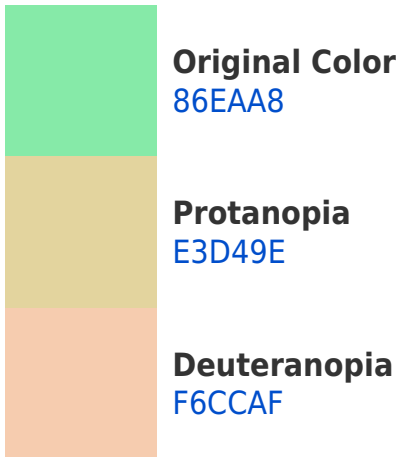


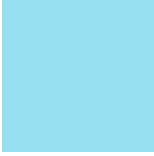
This preview shows how white text looks on a background with the Hex color 86EAA8.

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](#).

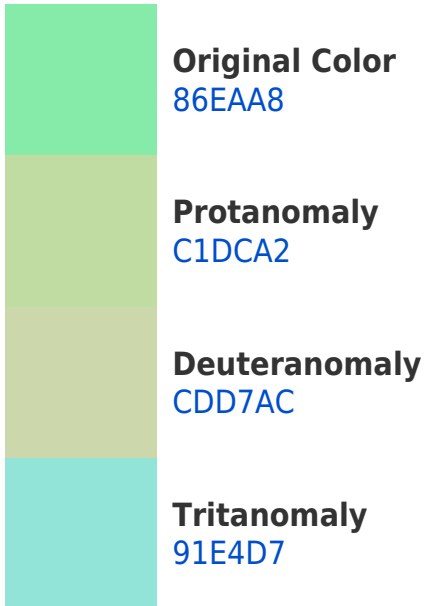
Dichromacy



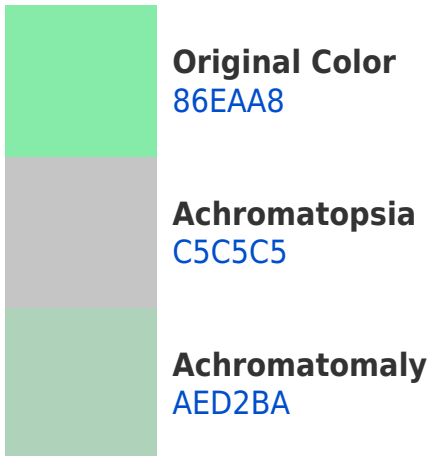


Tritanopia
97E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86EAA8 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 #86EAA8 looks like.

```
.text, #text, p{  
    color:#86EAA8  
}
```

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 #86EAA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86EAA8  
}
```

Border

The CSS property to change the border of an element to Hex 86EAA8 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  
#86EAA8 }
```

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

```
.border{ border-color:#86EAA8 }
```

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

Here you see how a box with a 4 pixel #86EAA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86EAA8; -webkit-box-shadow:4px 4px  
4px 4px #86EAA8; box-shadow:4px 4px 4px  
4px #86EAA8 }
```

Background

The CSS property to change the background color of an element to Hex 86EAA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86EAA8 }
```

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

```
.background{ background-color:#86EAA8 }
```

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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