

Converting Colors

Hex(86EA9A)

Have a look what the booklet for
Hex(86EA9A) contains.

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Color

Hex(86EA9A)

Conversions

Conversions Part 1

Format	Color
Hex	86EA9A
RGB	134, 234, 154
RGB Percent	53%, 92%, 60%
CMY	0.4745, 0.0824, 0.3961
CMYK	0.43, 0.00, 0.34, 0.08
HSL	132°, 70%, 72%
HSV	132°, 43%, 92%
XYZ	45.0871, 66.2471, 40.9825
YIQ	194.9800, -33.9200, -46.0800

Conversions

Conversions Part 2

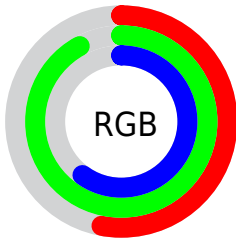
Format	Color
RYB	134, 217, 234
Decimal	8841882
CIELab	85.12, -45.92, 29.95
CIElCh	85, 54.824, 146.892
Yxy	66.2471, 0.2960, 0.4349
Android (android.graphics.Color)	4287031962 (0xFF86EA9A)
YUV	194.9800, -20.2031, -53.4795
Hunter-Lab	81.3923, -43.5569, 27.1210

Details

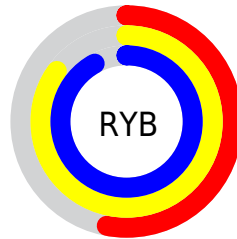
The Hex color **86EA9A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA86D6**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BFFFD1**, and **4DB266** is the 20% darker color. If you saturate the color by 10%, you get **6FEA87**, and if you desaturate by 10%, it is **9DEAAD**.

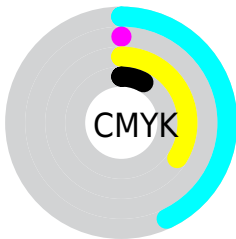
Distribution



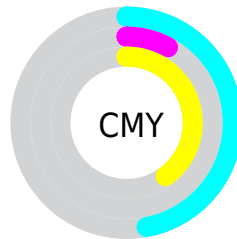
- Red (53%)
- Green (92%)
- Blue (60%)



- Red (53%)
- Yellow (85%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (34%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86EA9A 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 86EA9A by changing the saturation by 10% instead.

 86EA9A

 86EA9A

FFFFFF

 6ACD80

 BFFFD1

 4DB266

 DCF FED

 2F964D

 FAFFFF

 007C36

 00621E

 004906

 003200

 001A00

 000000

 86EA9A

 86EA9A

 6FEA87

 9DEAAD

 57EA75


 B5EABF

 40EA62

 CCEAD2

 28EA4F

 E4EAE5

 11EA3C

 FBEAF8

 00EA2F

 FFEAFF

Harmonies

Analogous

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



C5E075



86EA9A



0EEFCD

Triad

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



86EA9A



71DCFF



FFAEA9

Complementary

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



86EA9A



EA86D6

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.



FFAADC



86EA9A



D1C9FF

Square

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



86EA9A



00E8FF



FFB6FF



FFBD7F

Rectangle

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



86EA9A



00EFF1



FFB6FF



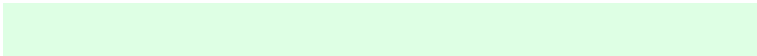
FFABB9

Sweetspot

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



86EA9A



DEFFE4



D6EA86



6B806F



000000



808080

Same Dimension

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



86EA9A



7DFF97



86EACA



6A756C



00B524



00360B

Inverse Universe

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



EA86D6



FF7DE5



EA86A4



756A73



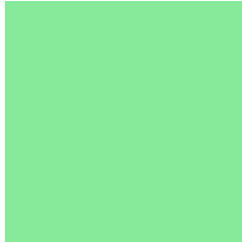
B50091



36002B

Previews

White Background



This preview shows how the Hex color 86EA9A looks on a white background.

Color Contrast Check

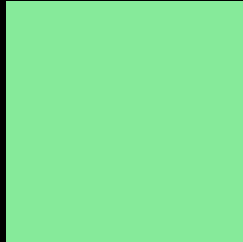
Large Text (above 18pt) WCAG AA × Fail

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 86EA9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

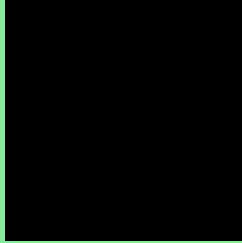
Any Text WCAG AA ✓ Pass

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 86EA9A Background



This preview shows how black text looks on a background with the Hex color 86EA9A.

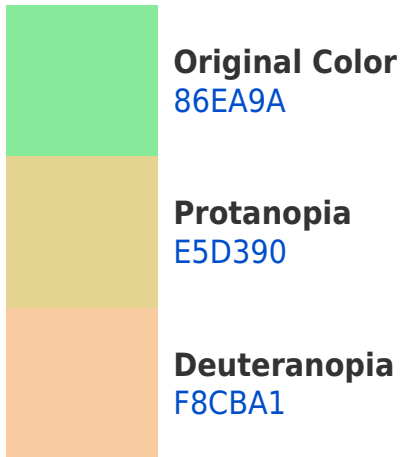


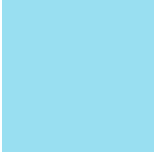
This preview shows how white text looks on a background with the Hex color 86EA9A.

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](#).

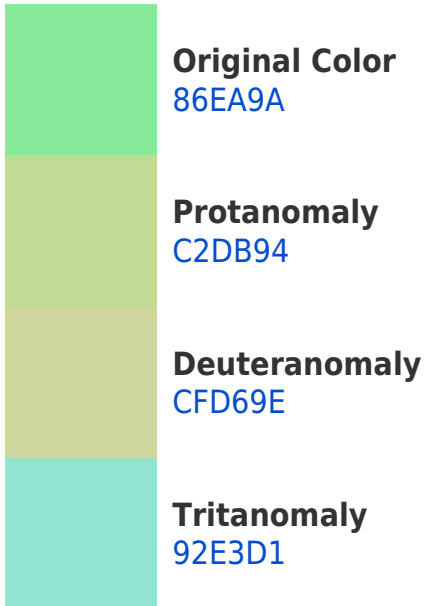
Dichromacy



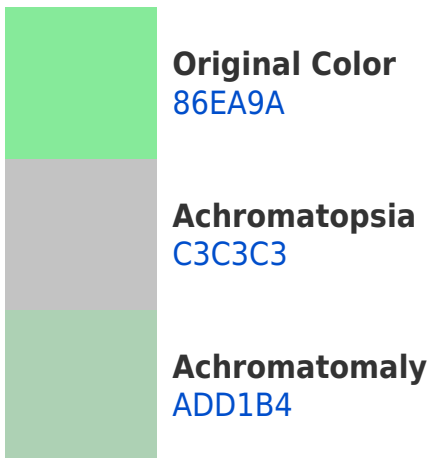


Tritanopia
99DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86EA9A 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 #86EA9A looks like.

```
.text, #text, p{  
    color:#86EA9A  
}
```

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 #86EA9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86EA9A
}
```

Border

The CSS property to change the border of an element to Hex 86EA9A 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
#86EA9A }
```

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

```
.border{ border-color:#86EA9A }
```

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

Here you see how a box with a 4 pixel #86EA9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86EA9A; -webkit-box-shadow:4px 4px  
4px 4px #86EA9A; box-shadow:4px 4px 4px  
4px #86EA9A }
```

Background

The CSS property to change the background color of an element to Hex 86EA9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86EA9A }
```

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

```
.background{ background-color:#86EA9A }
```

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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