

Converting Colors

Hex(86EE93)

Have a look what the booklet for
Hex(86EE93) contains.

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Color

Hex(86EE93)

Conversions

Conversions Part 1

Format	Color
Hex	86EE93
RGB	134, 238, 147
RGB Percent	53%, 93%, 58%
CMY	0.4745, 0.0667, 0.4235
CMYK	0.44, 0.00, 0.38, 0.07
HSL	128°, 75%, 73%
HSV	128°, 44%, 93%
XYZ	45.6725, 68.3240, 38.3844
YIQ	196.5300, -32.7730, -50.3490

Conversions

Conversions Part 2

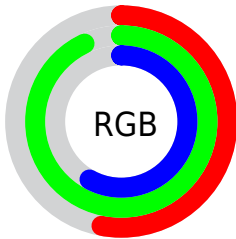
Format	Color
RYB	134, 226, 238
Decimal	8842899
CIELab	86.17, -48.75, 34.87
CIELCh	86, 59.936, 144.427
Yxy	68.3240, 0.2997, 0.4484
Android (android.graphics.Color)	4287032979 (0xFF86EE93)
YUV	196.5300, -24.4183, -54.8388
Hunter-Lab	82.6583, -46.0226, 30.3281

Details

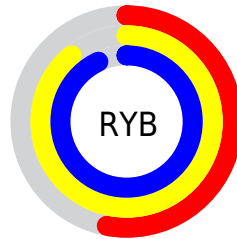
The Hex color **86EE93** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EE86E1**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C0FFCA**, and **4CB55F** is the 20% darker color. If you saturate the color by 10%, you get **6EEE7E**, and if you desaturate by 10%, it is **9EEEE8**.

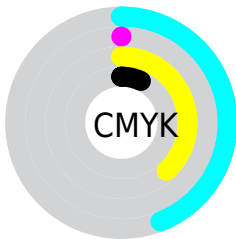
Distribution



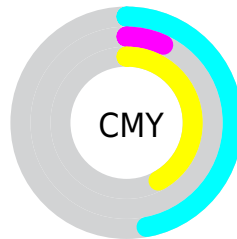
- Red (53%)
- Green (93%)
- Blue (58%)



- Red (53%)
- Yellow (89%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (7%)



- Cyan (47%)
- Magenta (7%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86EE93 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 86EE93 by changing the saturation by 10% instead.



86EE93



86EE93

FFFFFF



69D179



C0FFCA



4CB55F



DDFFE6



2D9A46



FBFFFF



007F2E



006516



004C00



003500



001E00



000000

 86EE93

 86EE93

 6EEE7E

 9EEEA8

 56EE69

 B6EEBD

 3FEE55

 CDEED1

 27EE40

 E5EEE6

 0FEE2B

 FDEEFB

 00EE1E

 FFE EFF

Harmonies

Analogous

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



CBE26C



86EE93



00F4CB

Triad

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



86EE93



51E1FF



FFABAC

Complementary

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



86EE93



EE86E1

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.



FFA9E5



86EE93



CBCDFF

Square

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



86EE93



00EEFF



FFB7FF



FFBC7D

Rectangle

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



86EE93



00F5F2



FFB7FF



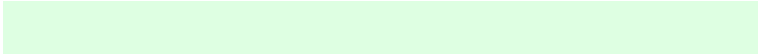
FFA8BE

Sweetspot

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



86EE93



DEFFE2



E2EE86



6B806E



000000



808080

Same Dimension

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



86EE93



7AFF8B



86EEC6



6C786D



00B817



003807

Inverse Universe

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



EE86E1



FF7AEE



EE86AE



786C76



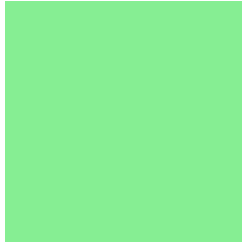
B800A1



380031

Previews

White Background



This preview shows how the Hex color 86EE93 looks on a white background.

Color Contrast Check

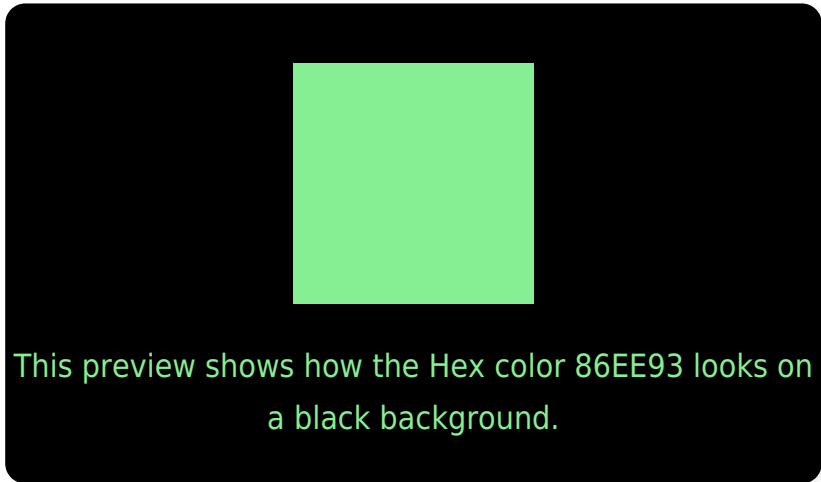
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

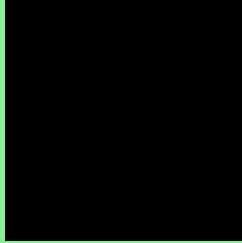
Any Text WCAG AA ✓ Pass

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 86EE93 Background



This preview shows how black text looks on a background with the Hex color 86EE93.

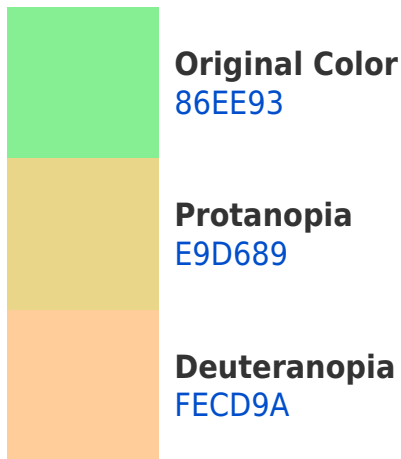


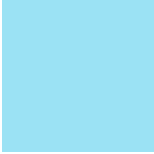
This preview shows how white text looks on a background with the Hex color 86EE93.

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



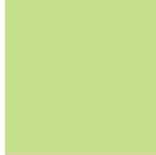


Tritanopia
9BE2F4

Trichromacy



Original Color
86EE93



Protanomaly
C5DF8D



Deuteranomaly
D2D997



Tritanomaly
93E6D1

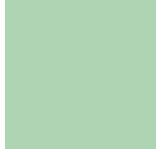
Monochromacy



Original Color
86EE93



Achromatopsia
C5C5C5



Achromatomaly
AED4B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 86EE93 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 #86EE93 looks like.

```
.text, #text, p{  
    color:#86EE93  
}
```

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 #86EE93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86EE93  
}
```

Border

The CSS property to change the border of an element to Hex 86EE93 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  
#86EE93 }
```

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

```
.border{ border-color:#86EE93 }
```

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

Here you see how a box with a 4 pixel #86EE93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86EE93; -webkit-box-shadow:4px 4px  
4px 4px #86EE93; box-shadow:4px 4px 4px  
4px #86EE93 }
```

Background

The CSS property to change the background color of an element to Hex 86EE93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86EE93 }
```

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

```
.background{ background-color:#86EE93 }
```

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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