

# Converting Colors

Hex(86EB83)

Have a look what the booklet for  
Hex(86EB83) contains.

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# **Color**

**Hex(86EB83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86EB83
RGB	134, 235, 131
RGB Percent	53%, 92%, 51%
CMY	0.4745, 0.0784, 0.4863
CMYK	0.43, 0.00, 0.44, 0.08
HSL	118°, 72%, 72%
HSV	118°, 44%, 92%
XYZ	43.6366, 66.1237, 31.9360
YIQ	192.9450, -26.8120, -53.7560

# Conversions

## Conversions Part 2

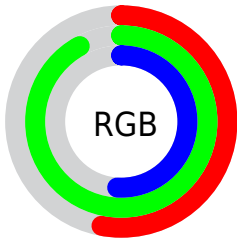
Format	Color
<a href="#">RYB</a>	<a href="#">131, 235, 232</a>
Decimal	<a href="#">8842115</a>
CIELab	<a href="#">85.06, -49.88, 41.36</a>
CIElCh	<a href="#">85, 64.795, 140.336</a>
Yxy	<a href="#">66.1237, 0.3080, 0.4667</a>
Android (android.graphics.Color)	<a href="#">4287032195 (0xFF86EB83)</a>
YUV	<a href="#">192.9450, -30.5389, -51.6948</a>
Hunter-Lab	<a href="#">81.3165, -46.5160, 33.6362</a>

# Details

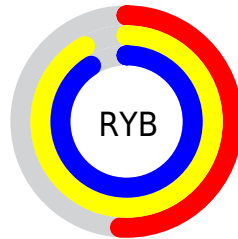
The Hex color **86EB83** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E883EB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C0FFB9**, and **4CB24F** is the 20% darker color. If you saturate the color by 10%, you get **6FEB6B**, and if you desaturate by 10%, it is **9DEB9A**.

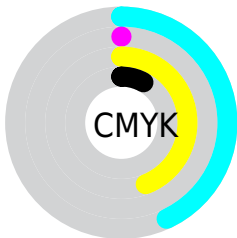
# Distribution



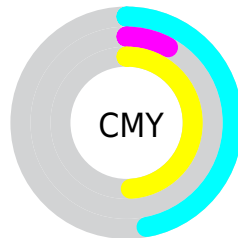
- Red (53%)
- Green (92%)
- Blue (51%)



- Red (51%)
- Yellow (92%)
- Blue (91%)



- Cyan (43%)
- Magenta (0%)
- Yellow (44%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86EB83 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 86EB83 by changing the saturation by 10% instead.



 86EB83

FFFFFF

 C0FFB9

 DDFFD5

 FBFFF2

 86EB83

 69CE69

 4CB24F

 2D9736

 007D1C

 006300

 004A00

 003200

 001A00

 000000

 86EB83

 86EB83

 6FEB6B

 9DEB9A

 58EB54

 B4EBB2

 42EB3C

 CAEBCA

 2BEB25

 E1EBE1

 14EB0E

 F8EBF9

 07EB00

 FFEbff

# Harmonies

## Analogous

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



CFDE5B



86EB83



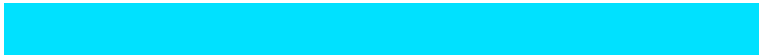
00F2BE

# Triad

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



86EB83



00E1FF



FFA2AD

# Complementary

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



86EB83



E883EB

# 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.



FFA1EB



86EB83



B7CCFF

# Square

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



86EB83



00EEFF



FFB4FF



FFB378

# Rectangle

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



86EB83



00F3E8



FFB4FF



FF9FC2

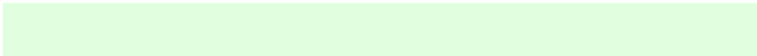


# Sweetspot

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



86EB83



DFFFDE



EBE883



6C806B



000000



808080



# Same Dimension

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



86EB83



7CFF78



83EBB4



6A756A



05B500



023600



# Inverse Universe

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



E883EB



FB78FF



EB83BA



756A75



B000B5



340036



# Previews

## White Background



This preview shows how the Hex color 86EB83 looks on a white background.

## Color Contrast Check

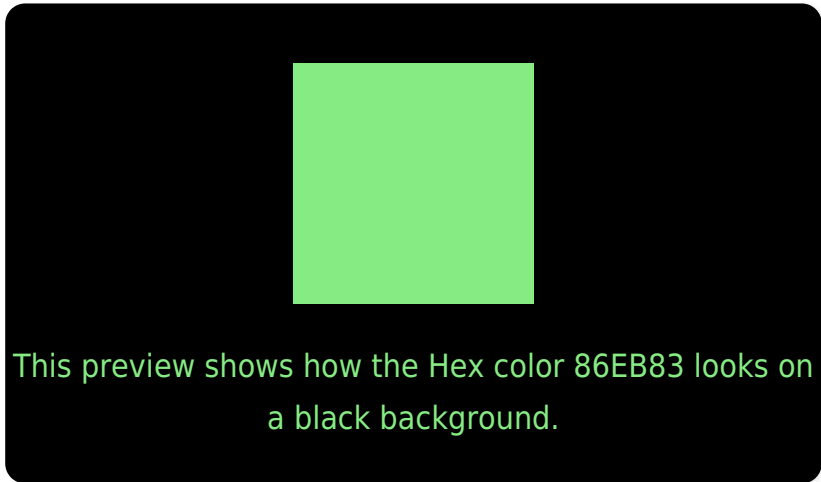
Large Text (above 18pt) WCAG AA × Fail

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

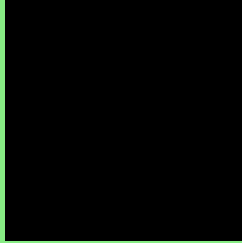
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86EB83 Background



This preview shows how black text looks on a background with the Hex color 86EB83.

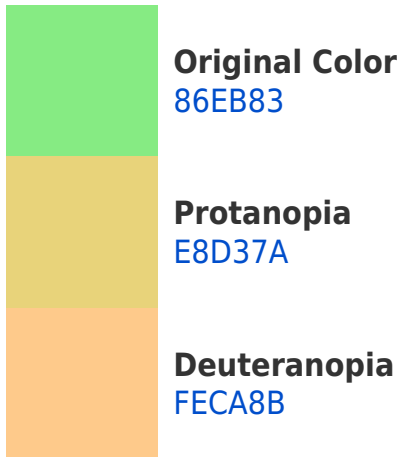


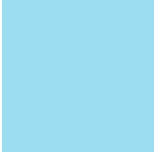
This preview shows how white text looks on a background with the Hex color 86EB83.

# 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



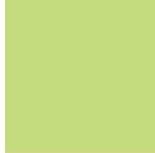


**Tritanopia**  
9CDEF0

# Trichromacy



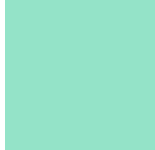
**Original Color**  
86EB83



**Protanomaly**  
C4DC7D



**Deuteranomaly**  
D2D688

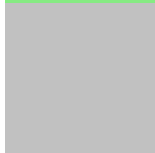


**Tritanomaly**  
94E3C8

# Monochromacy



**Original Color**  
86EB83



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
ACD0AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86EB83 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 #86EB83 looks like.

```
.text, #text, p{  
    color:#86EB83  
}
```

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 #86EB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86EB83
}
```

## Border

The CSS property to change the border of an element to Hex 86EB83 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
#86EB83 }
```

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

```
.border{ border-color:#86EB83 }
```

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

Here you see how a box with a 4 pixel #86EB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86EB83; -webkit-box-shadow:4px 4px  
4px 4px #86EB83; box-shadow:4px 4px 4px  
4px #86EB83 }
```

# Background

The CSS property to change the background color of an element to Hex 86EB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86EB83 }
```

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

```
.background{ background-color:#86EB83 }
```

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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