

Converting Colors

Hex(8ECD86)

Have a look what the booklet for
Hex(8ECD86) contains.

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Color

Hex(8ECD86)

Conversions

Conversions Part 1

Format	Color
Hex	8ECD86
RGB	142, 205, 134
RGB Percent	56%, 80%, 53%
CMY	0.4431, 0.1961, 0.4745
CMYK	0.31, 0.00, 0.35, 0.20
HSL	113°, 42%, 66%
HSV	113°, 35%, 80%
XYZ	37.2897, 51.1347, 30.4589
YIQ	178.0690, -14.7570, -35.4370

Conversions

Conversions Part 2

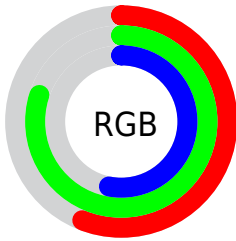
Format	Color
RYB	134, 205, 197
Decimal	9358726
CIELab	76.76, -33.80, 29.13
CIELCh	77, 44.618, 139.242
Yxy	51.1347, 0.3137, 0.4301
Android (android.graphics.Color)	4287548806 (0xFF8ECD86)
YUV	178.0690, -21.7260, -31.6325
Hunter-Lab	71.5085, -32.0570, 24.8015

Details

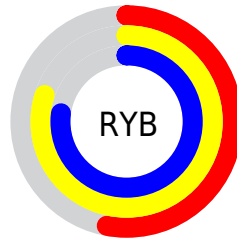
The Hex color **8ECD86** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C586CD**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C5FFBC**, and **599653** is the 20% darker color. If you saturate the color by 10%, you get **7CCD72**, and if you desaturate by 10%, it is **A0CD9B**.

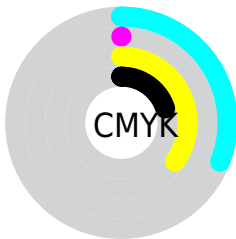
Distribution



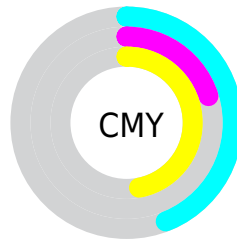
- Red (56%)
- Green (80%)
- Blue (53%)



- Red (53%)
- Yellow (80%)
- Blue (77%)



- Cyan (31%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8ECD86 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 8ECD86 by changing the saturation by 10% instead.



8ECD86



8ECD86

FFFFFF



73B16C



C5FFBC



599653



E2FFD8



3F7C3B



FFFFF4



256324



034A0D



003300



001F00



000000



8ECD86



8ECD86

 7CCD72

 A0CD9B

 6ACD5D

 B2CDAF

 57CD49

 C5CDC3

 45CD34

 D7CDD8

 33CD20

 E9CEDE

 21CD0B

 FBCDFE

 17CD00

 FFCDFE

Harmonies

Analogous

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



BDC36E



8ECD86



54D2AD

Triad

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



8ECD86



61C6FF



FF9EA4

Complementary

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



8ECD86



C586CD

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.



FF9ECE



8ECD86



ABB8FF

Square

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



8ECD86



00CFFB



E3A9F4



FFA881

Rectangle

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



8ECD86



14D3C9



E3A9F4



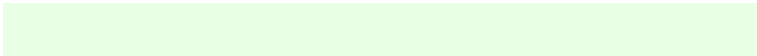
FF9DB2

Sweetspot

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



8ECD86



E8FFE6



CDC586



728070



000000



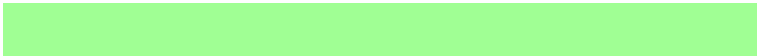
808080

Same Dimension

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



8ECD86



A0FF94



86CDA1



5D665C



13A600



042600

Inverse Universe

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



C586CD



F394FF



CD86B2



655C66



9300A6



220026

Previews

White Background



This preview shows how the Hex color 8ECD86 looks on a white background.

Color Contrast Check

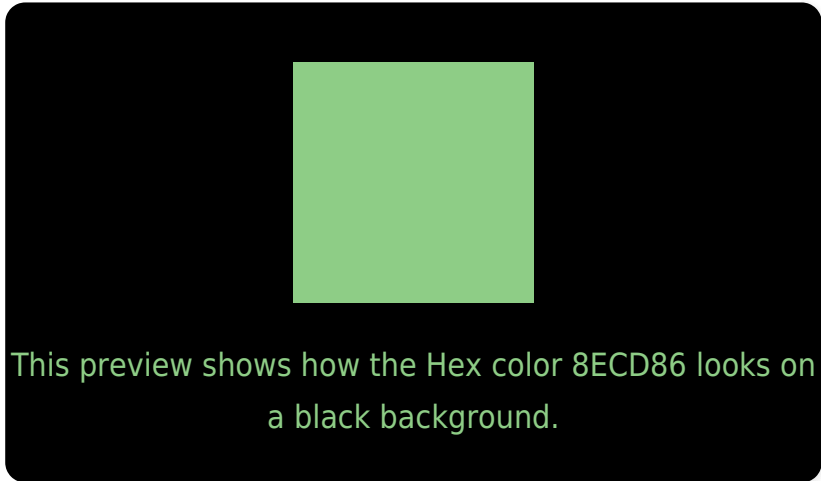
Large Text (above 18pt) WCAG AA × Fail

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 8ECD86 Background



This preview shows how black text looks on a background with the Hex color 8ECD86.

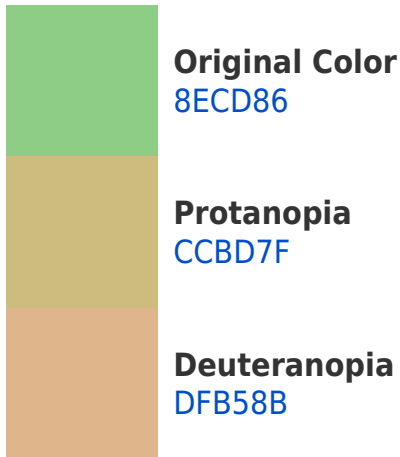


This preview shows how white text looks on a background with the Hex color 8ECD86.

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](#).

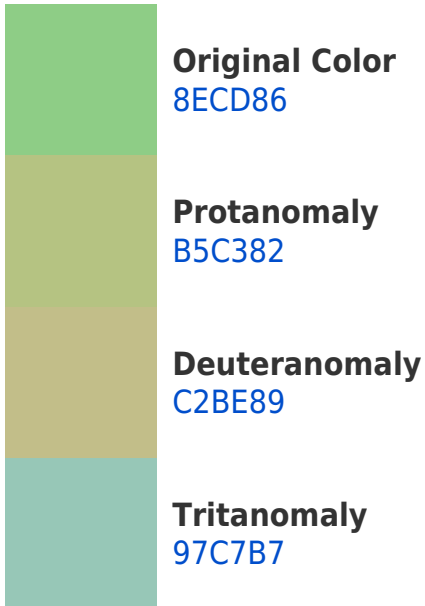
Dichromacy



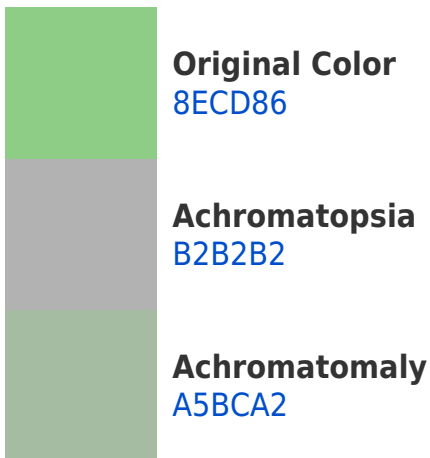


Tritanopia
9CC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8ECD86 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 #8ECD86 looks like.

```
.text, #text, p{  
    color:#8ECD86  
}
```

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 #8ECD86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ECD86
}
```

Border

The CSS property to change the border of an element to Hex 8ECD86 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
#8ECD86 }
```

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

```
.border{ border-color:#8ECD86 }
```

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

Here you see how a box with a 4 pixel #8ECD86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ECD86; -webkit-box-shadow:4px 4px  
4px 4px #8ECD86; box-shadow:4px 4px 4px  
4px #8ECD86 }
```

Background

The CSS property to change the background color of an element to Hex 8ECD86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ECD86 }
```

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

```
.background{ background-color:#8ECD86 }
```

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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