

# Converting Colors

Hex(86DE80)

Have a look what the booklet for  
Hex(86DE80) contains.

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**Color**

**Hex(86DE80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86DE80
RGB	134, 222, 128
RGB Percent	53%, 87%, 50%
CMY	0.4745, 0.1294, 0.4980
CMYK	0.40, 0.00, 0.42, 0.13
HSL	116°, 59%, 69%
HSV	116°, 42%, 87%
XYZ	39.8491, 58.8694, 29.6847
YIQ	184.9720, -22.2740, -47.8900

# Conversions

## Conversions Part 2

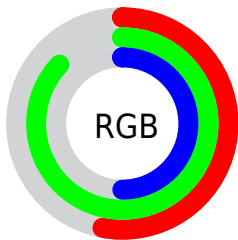
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 222, 216
Decimal	8838784
CIELab	81.22, -44.83, 37.94
CIELCh	81, 58.726, 139.760
Yxy	58.8694, 0.3103, 0.4585
Android (android.graphics.Color)	4287028864 (0xFF86DE80)
YUV	184.9720, -28.0872, -44.7024
Hunter-Lab	76.7264, -41.5644, 30.7697

# Details

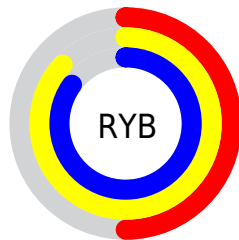
The Hex color **86DE80** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D880DE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BFFF66**, and **4EA64D** is the 20% darker color. If you saturate the color by 10%, you get **71DE6A**, and if you desaturate by 10%, it is **9BDE96**.

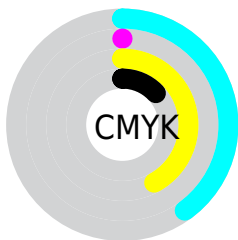
# Distribution



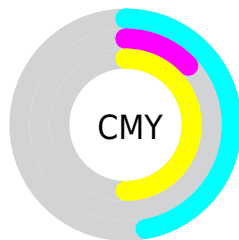
- Red (53%)
- Green (87%)
- Blue (50%)



- Red (50%)
- Yellow (87%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86DE80 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 86DE80 by changing the saturation by 10% instead.



 86DE80

 86DE80

FFFFFF

 6AC266

 BFFFB6

 4EA64D

 DCFFD2

 318B34

 F9FFEF

 09711B

 005800

 004000

 002A00

 000800

 000000

 86DE80

 86DE80

 71DE6A

 9BDE96

 5CDE54

 B0DEAC

 48DE3D

 C4DEC3

 33DE27

 D9DED9

 1EDE11

 EEDEEF

 0EDE00

 FFDEFF

# Harmonies

## Analogous

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



C6D25E



86DE80



00E4B4

# Triad

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



86DE80



00D5FF



FF9DA8

# Complementary

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



86DE80



D880DE

# 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.



FF9DDF



86DE80



AFC3FF

# Square

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



86DE80



00E1FF



FBADFF



FFAC78

# Rectangle

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



86DE80



00E6DB



FBADFF



FF9BBA

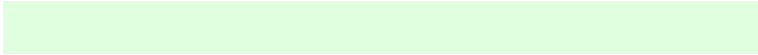


# Sweetspot

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



86DE80



E0FFDE



DED880



6C806B



000000



808080



# Same Dimension

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



86DE80



85FF7D



80DEA9



667065



0BB000



033000



# Inverse Universe

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



D880DE



F77DFF



DE80B5



6F6570



A500B0

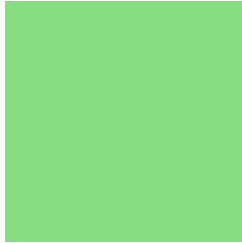


2D0030



# Previews

## White Background



This preview shows how the Hex color 86DE80 looks on a white background.

## Color Contrast Check

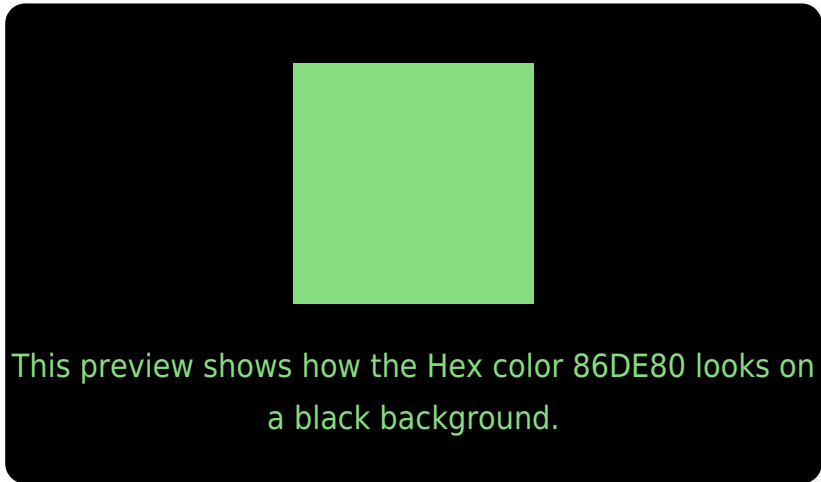
Large Text (above 18pt) WCAG AA × Fail

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

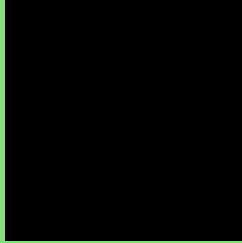
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86DE80 Background



This preview shows how black text looks on a background with the Hex color 86DE80.

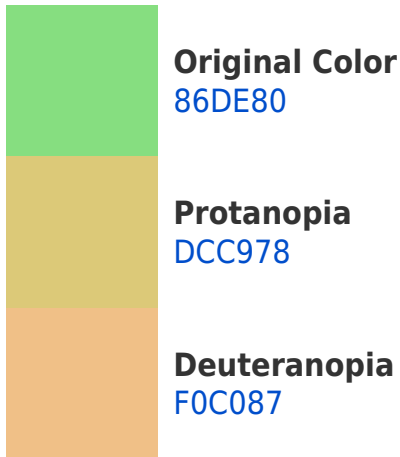


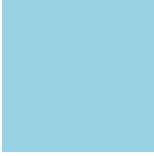
This preview shows how white text looks on a background with the Hex color 86DE80.

# 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



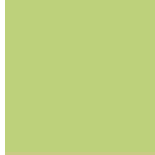


**Tritanopia**  
99D2E3

# Trichromacy



**Original Color**  
86DE80



**Protanomaly**  
BDD17B



**Deuteranomaly**  
C9CB84



**Tritanomaly**  
92D6BF

# Monochromacy



**Original Color**  
86DE80



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
A6C6A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86DE80 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 #86DE80 looks like.

```
.text, #text, p{  
    color:#86DE80  
}
```

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 #86DE80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86DE80
}
```

## Border

The CSS property to change the border of an element to Hex 86DE80 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
#86DE80 }
```

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

```
.border{ border-color:#86DE80 }
```

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

Here you see how a box with a 4 pixel #86DE80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86DE80; -webkit-box-shadow:4px 4px  
4px 4px #86DE80; box-shadow:4px 4px 4px  
4px #86DE80 }
```

# Background

The CSS property to change the background color of an element to Hex 86DE80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86DE80 }
```

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

```
.background{ background-color:#86DE80 }
```

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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