

# Converting Colors

Hex(86E582)

Have a look what the booklet for  
Hex(86E582) contains.

<b>Hex(86E582)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(86E582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86E582
RGB	134, 229, 130
RGB Percent	53%, 90%, 51%
CMY	0.4745, 0.1020, 0.4902
CMYK	0.41, 0.00, 0.43, 0.10
HSL	118°, 66%, 70%
HSV	118°, 43%, 90%
XYZ	41.8801, 62.7187, 31.0177
YIQ	189.3090, -24.8410, -50.9290

# Conversions

## Conversions Part 2

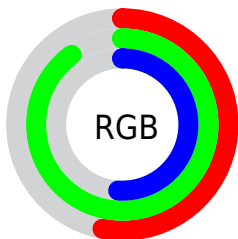
Format	Color
<a href="#">RYB</a>	<a href="#">130, 229, 225</a>
Decimal	<a href="#">8840578</a>
CIELab	<a href="#">83.29, -47.52, 39.60</a>
CIElCh	<a href="#">83, 61.854, 140.193</a>
Yxy	<a href="#">62.7187, 0.3088, 0.4625</a>
Android (android.graphics.Color)	<a href="#">4287030658 (0xFF86E582)</a>
YUV	<a href="#">189.3090, -29.2393, -48.5060</a>
Hunter-Lab	<a href="#">79.1951, -44.1968, 32.2150</a>

# Details

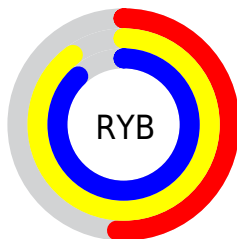
The Hex color **86E582** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E182E5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BFFF88**, and **4DAD4F** is the 20% darker color. If you saturate the color by 10%, you get **70E56B**, and if you desaturate by 10%, it is **9CE599**.

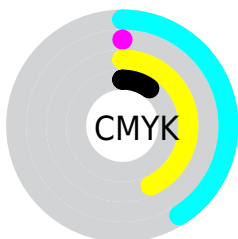
# Distribution



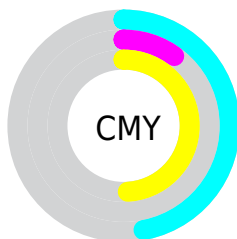
- Red (53%)
- Green (90%)
- Blue (51%)



- Red (51%)
- Yellow (90%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (43%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86E582 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 86E582 by changing the saturation by 10% instead.



 86E582

 86E582

FFFFFF

 6AC968

 BFFFB8

 4DAD4F

 DCFFD4

 2F9236

 FAFFF1

 00771C

 005E00

 004500

 002F00

 001400

 000000

 86E582

 86E582

 70E56B

 9CE599

 5AE554

 B2E5B0

 44E53D

 C8E5C7

 2EE526

 DEE5DE

 18E50F

 F4E5F5

 09E500

 FFE5FF

# Harmonies

## Analogous

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



CBD85D



86E582



00ECBA

# Triad

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



86E582



00DBFF



FFA0AB

# Complementary

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



86E582



E182E5

# 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.



FFA0E5



86E582



B4C8FF

# Square

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



86E582



00E8FF



FFB1FF



FFB078

# Rectangle

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



86E582



00EDE2



FFB1FF



FF9DBE

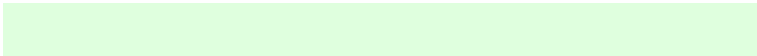


# Sweetspot

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



86E582



DFFFDE



E5E082



6C806B



000000



808080



# Same Dimension

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



86E582



80FF7A



82E5AF



687367



07B300



023300



# Inverse Universe

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



E182E5



FA7AFF



E582B8



726773



AB00B3

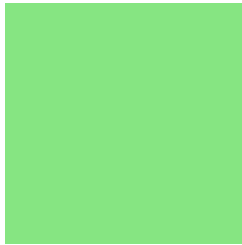


310033



# Previews

## White Background



This preview shows how the Hex color 86E582 looks on a white background.

## Color Contrast Check

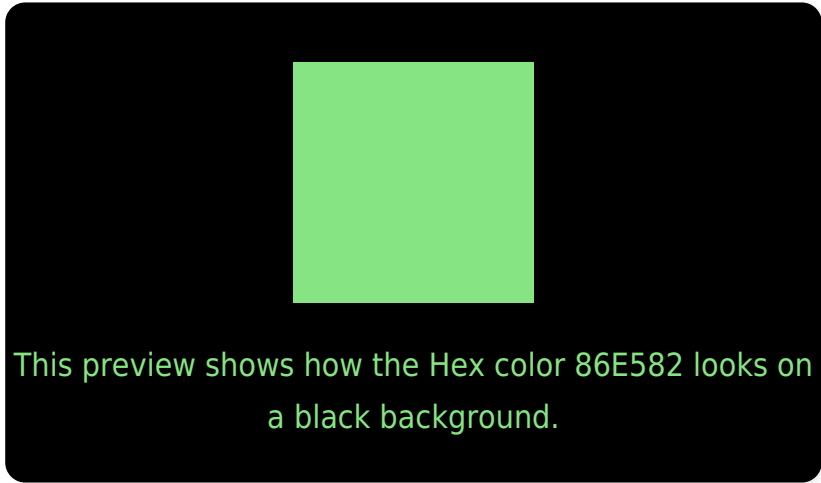
Large Text (above 18pt) WCAG AA × Fail

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

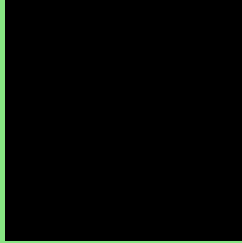
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86E582 Background



This preview shows how black text looks on a background with the Hex color 86E582.

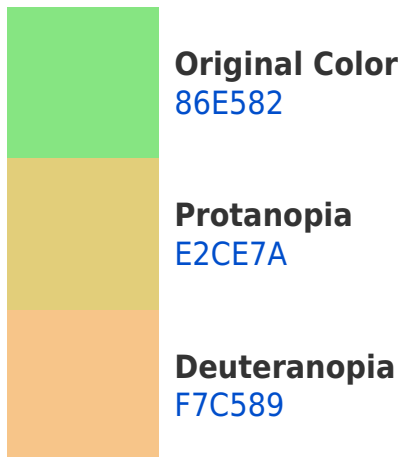


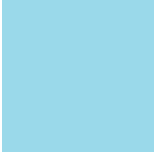
This preview shows how white text looks on a background with the Hex color 86E582.

# 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**  
9AD9EA

# Trichromacy



**Original Color**  
86E582



**Protanomaly**  
C1D67D



**Deuteranomaly**  
CED186



**Tritanomaly**  
93DDC4

# Monochromacy



**Original Color**  
86E582



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
A9CCA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86E582 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 #86E582 looks like.

```
.text, #text, p{  
    color:#86E582  
}
```

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 #86E582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86E582
}
```

## Border

The CSS property to change the border of an element to Hex 86E582 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
#86E582 }
```

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

```
.border{ border-color:#86E582 }
```

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

Here you see how a box with a 4 pixel #86E582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86E582; -webkit-box-shadow:4px 4px  
4px 4px #86E582; box-shadow:4px 4px 4px  
4px #86E582 }
```

# Background

The CSS property to change the background color of an element to Hex 86E582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86E582 }
```

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

```
.background{ background-color:#86E582 }
```

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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