

# Converting Colors

Hex(86E089)

Have a look what the booklet for  
Hex(86E089) contains.

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**Color**

**Hex(86E089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86E089
RGB	134, 224, 137
RGB Percent	53%, 88%, 54%
CMY	0.4745, 0.1216, 0.4627
CMYK	0.40, 0.00, 0.39, 0.12
HSL	122°, 59%, 70%
HSV	122°, 40%, 88%
XYZ	41.0025, 60.1858, 33.1229
YIQ	187.1720, -25.7130, -46.1370

# Conversions

## Conversions Part 2

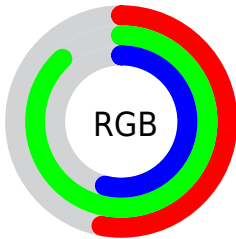
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 221, 224
Decimal	8839305
CIELab	81.94, -44.35, 34.35
CIELCh	82, 56.099, 142.242
Yxy	60.1858, 0.3053, 0.4481
Android (android.graphics.Color)	4287029385 (0xFF86E089)
YUV	187.1720, -24.7348, -46.6318
Hunter-Lab	77.5795, -41.4228, 28.9916

# Details

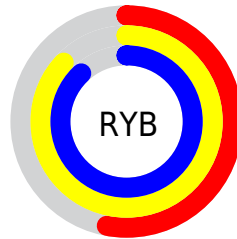
The Hex color **86E089** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E086DD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BFFFBF**, and **4EA856** is the 20% darker color. If you saturate the color by 10%, you get **70E073**, and if you desaturate by 10%, it is **9CE09F**.

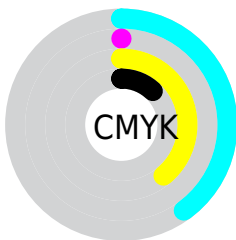
# Distribution



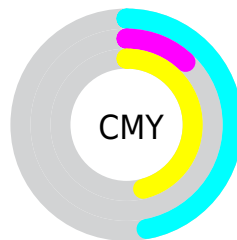
- Red (53%)
- Green (88%)
- Blue (54%)



- Red (53%)
- Yellow (87%)
- Blue (88%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (12%)



- Cyan (47%)
- Magenta (12%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86E089 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 86E089 by changing the saturation by 10% instead.



 86E089

FFFFFF

 BFFFFB

 DCFFDB

 F9FFF8

 86E089

 6AC46F

 4EA856

 318D3D

 097325

 005A0C

 004100

 002B00

 000D00

 000000

 86E089

 86E089

 70E073

 9CE09F

 59E05E

 B3E0B4

 43E048

 C9E0CA

 2CE032

 E0E0E0

 16E01D

 F6E0F5

 00E007

 FFE0FF

# Harmonies

## Analogous

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



C4D567



86E089



0CE6BC

# Triad

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



86E089



47D5FF



FFA2A7

# Complementary

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



86E089



E086DD

# 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.



FFA1DC



86E089



BAC3FF

# Square

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



86E089



00E1FF



FFAFFF



FFB17A

# Rectangle

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



86E089



00E7E0



FFAFFF



FFA0B8

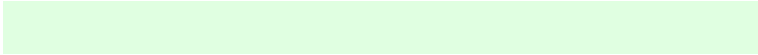


# Sweetspot

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



86E089



E0FFE1



DDE086



6E806E



000000



808080



# Same Dimension

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



86E089



85FF89



86E0B6



657065



00B006



003002



# Inverse Universe

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



E086DD



FF85FB



E086B0



706570



B000AA

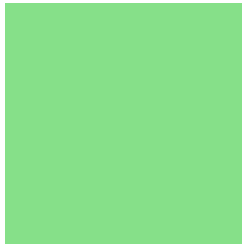


30002F



# Previews

## White Background



This preview shows how the Hex color 86E089 looks on a white background.

## Color Contrast Check

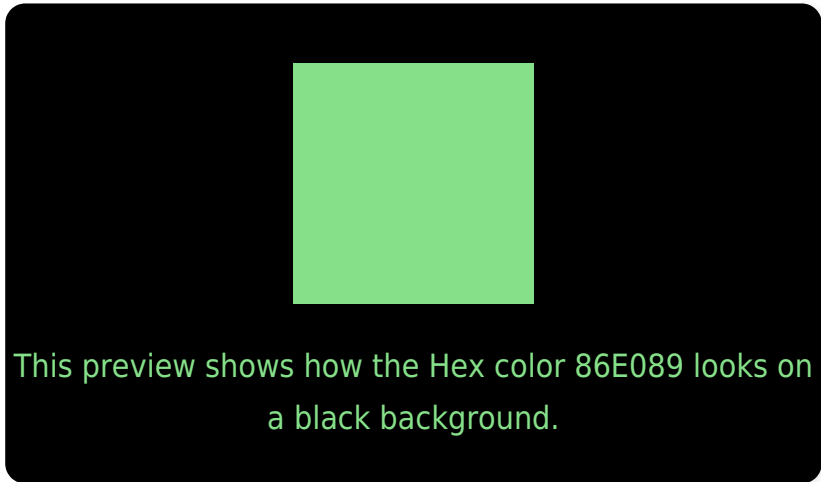
Large Text (above 18pt) WCAG AA × Fail

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 86E089 Background



This preview shows how black text looks on a background with the Hex color 86E089.

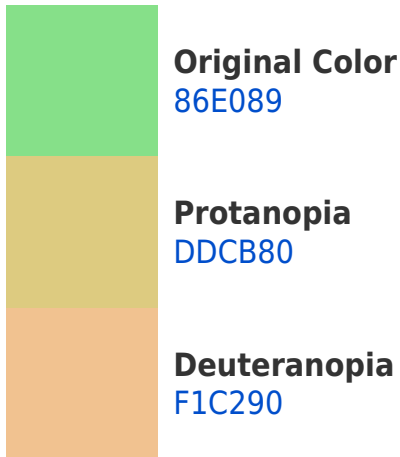


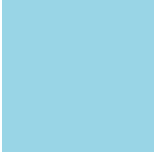
This preview shows how white text looks on a background with the Hex color 86E089.

# 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



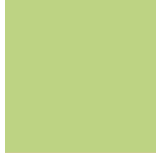


**Tritanopia**  
99D5E6

# Trichromacy



**Original Color**  
86E089



**Protanomaly**  
BDD383



**Deuteranomaly**  
CACD8D

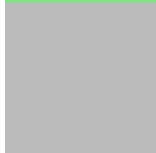


**Tritanomaly**  
92D9C4

# Monochromacy



**Original Color**  
86E089



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
A8C8A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86E089 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 #86E089 looks like.

```
.text, #text, p{  
    color:#86E089  
}
```

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 #86E089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86E089
}
```

## Border

The CSS property to change the border of an element to Hex 86E089 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
#86E089 }
```

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

```
.border{ border-color:#86E089 }
```

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

Here you see how a box with a 4 pixel #86E089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86E089; -webkit-box-shadow:4px 4px  
4px 4px #86E089; box-shadow:4px 4px 4px  
4px #86E089 }
```

# Background

The CSS property to change the background color of an element to Hex 86E089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86E089 }
```

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

```
.background{ background-color:#86E089 }
```

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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