

# Converting Colors

Hex(86E6A5)

Have a look what the booklet for  
Hex(86E6A5) contains.

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# **Color**

**Hex(86E6A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86E6A5
RGB	134, 230, 165
RGB Percent	53%, 90%, 65%
CMY	0.4745, 0.0980, 0.3529
CMYK	0.42, 0.00, 0.28, 0.10
HSL	139°, 66%, 71%
HSV	139°, 42%, 90%
XYZ	44.9199, 64.3786, 45.6561
YIQ	193.8860, -36.3510, -40.5670

# Conversions

## Conversions Part 2

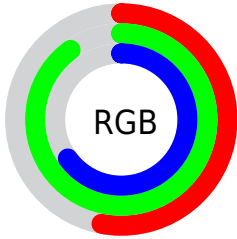
Format	Color
<a href="#">RYB</a>	<a href="#">134, 207, 230</a>
Decimal	<a href="#">8840869</a>
CIELab	<a href="#">84.16, -42.27, 23.00</a>
CIElCh	<a href="#">84, 48.120, 151.449</a>
Yxy	<a href="#">64.3786, 0.2899, 0.4155</a>
Android (android.graphics.Color)	<a href="#">4287030949 (0xFF86E6A5)</a>
YUV	<a href="#">193.8860, -14.2408, -52.5200</a>
Hunter-Lab	<a href="#">80.2363, -40.4811, 22.4281</a>

# Details

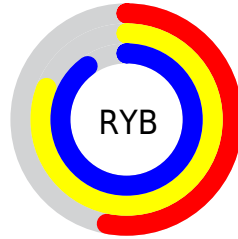
The Hex color **86E6A5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E686C7**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BFFFDC**, and **4EAE71** is the 20% darker color. If you saturate the color by 10%, you get **6FE695**, and if you desaturate by 10%, it is **9DE6B5**.

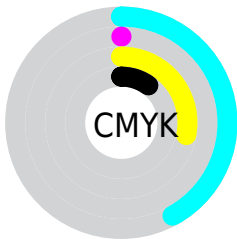
# Distribution



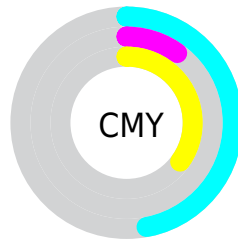
- Red (53%)
- Green (90%)
- Blue (65%)



- Red (53%)
- Yellow (81%)
- Blue (90%)



- Cyan (42%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86E6A5 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 86E6A5 by changing the saturation by 10% instead.



 86E6A5

 86E6A5

FFFFFF

 6ACA8A

 BFFFDC

 4EAE71

 DCFFF9

 309358

 F9FFFF

 067840

 005F29

 004613

 002F00

 001700

 000000

 86E6A5

 86E6A5

 6FE695

 9DE6B5

 58E686

 B4E6C4

 41E676

 CBE6D4

 2AE667

 E2E6E3

 13E657

 F9E6F3

 00E64A

 FFE6FF

# Harmonies

## Analogous

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



BEDD83



86E6A5



3CEAD3

# Triad

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



86E6A5



90D6FF



FFB2A5

# Complementary

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



86E6A5



E686C7

# 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.



FFAED1



86E6A5



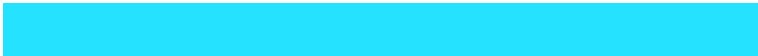
D9C5FF

# Square

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



86E6A5



25E2FF



FFB6FE



FFC083

# Rectangle

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



86E6A5



00EAF2



FFB6FE



FFB0B3

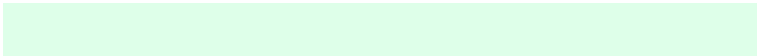


# Sweetspot

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



86E6A5



DEFFE9



C8E686



6B8072



000000



808080



# Same Dimension

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



86E6A5



80FFA9



86E6D4



67736B



00B33A



003310



# Inverse Universe

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



E686C7



FF80D6



E68698



73676F



B30079

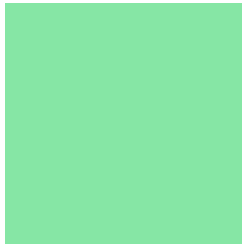


330023



# Previews

## White Background



This preview shows how the Hex color 86E6A5 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



This preview shows how the Hex color 86E6A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

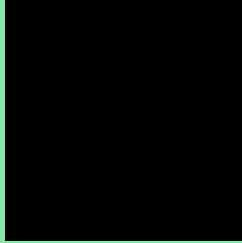
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86E6A5 Background



This preview shows how black text looks on a background with the Hex color 86E6A5.

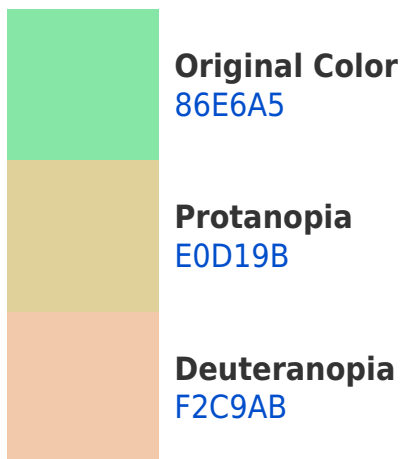


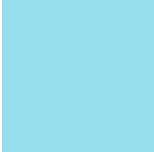
This preview shows how white text looks on a background with the Hex color 86E6A5.

# 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**  
96DDEE

# Trichromacy



**Original Color**  
86E6A5



**Protanomaly**  
BFD99F



**Deuteranomaly**  
CBD4A9

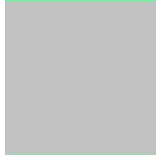


**Tritanomaly**  
90E0D3

# Monochromacy



**Original Color**  
86E6A5



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
ACCFB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86E6A5 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 #86E6A5 looks like.

```
.text, #text, p{  
    color:#86E6A5  
}
```

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 #86E6A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86E6A5
}
```

## Border

The CSS property to change the border of an element to Hex 86E6A5 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
#86E6A5 }
```

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

```
.border{ border-color:#86E6A5 }
```

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

Here you see how a box with a 4 pixel #86E6A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86E6A5; -webkit-box-shadow:4px 4px  
4px 4px #86E6A5; box-shadow:4px 4px 4px  
4px #86E6A5 }
```

# Background

The CSS property to change the background color of an element to Hex 86E6A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86E6A5 }
```

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

```
.background{ background-color:#86E6A5 }
```

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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