

Converting Colors

Hex(87E6B5)

Have a look what the booklet for
Hex(87E6B5) contains.

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Color

Hex(87E6B5)

Conversions

Conversions Part 1

Format	Color
Hex	87E6B5
RGB	135, 230, 181
RGB Percent	53%, 90%, 71%
CMY	0.4706, 0.0980, 0.2902
CMYK	0.41, 0.00, 0.21, 0.10
HSL	149°, 66%, 72%
HSV	149°, 41%, 90%
XYZ	46.6290, 65.0807, 53.8203
YIQ	196.0090, -40.8910, -35.3790

Conversions

Conversions Part 2

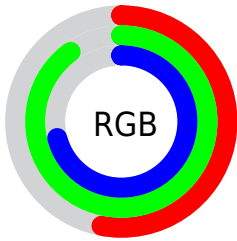
Format	Color
RYB	135, 199, 230
Decimal	8906421
CIELab	84.53, -38.95, 15.19
CIELCh	85, 41.809, 158.703
Yxy	65.0807, 0.2817, 0.3932
Android (android.graphics.Color)	4287096501 (0xFF87E6B5)
YUV	196.0090, -7.3994, -53.5049
Hunter-Lab	80.6726, -38.0036, 16.9158

Details

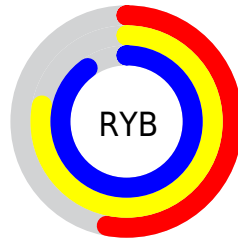
The Hex color **87E6B5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E687B8**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C0FFED**, and **4FAE80** is the 20% darker color. If you saturate the color by 10%, you get **70E6A9**, and if you desaturate by 10%, it is **9EE6C1**.

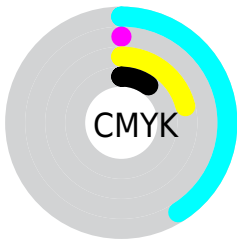
Distribution



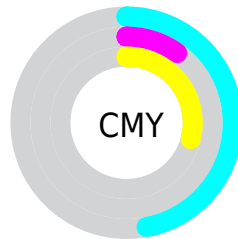
- Red (53%)
- Green (90%)
- Blue (71%)



- Red (53%)
- Yellow (78%)
- Blue (90%)



- Cyan (41%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E6B5 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 87E6B5 by changing the saturation by 10% instead.

 87E6B5

 87E6B5

FFFFFF

 6BCA9A

 C0FFED

 4FAE80

 DDFFFF

 329367

 FAFFFF

 09794F

 005F38

 004722

 002F0D

 001800

 000000

 87E6B5

 87E6B5

 70E6A9

 9EE6C1

 59E69D

 B5E6CD

 42E691

 CCE6D9

 2BE686

 E3E6E4

 14E67A

 FAE6F0

 00E66F

 FFE6FC

 FFE6FF

Harmonies

Analogous

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



B7DF94



87E6B5



55E8DE

Triad

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



87E6B5



AED3FF



FFBAA3

Complementary

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



87E6B5



E687B8

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.



FFB5C9



87E6B5



E7C5FF

Square

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



87E6B5



6DDFFF



FFB9F0



FFC78A

Rectangle

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



87E6B5



3DE7F7



FFB9F0



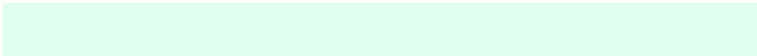
FFB7AF

Sweetspot

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



87E6B5



E0FFEF



B8E687



6E8076



000000



808080

Same Dimension

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



87E6B5



80FFBD



87E6E4



67736D



00B356



003319

Inverse Universe

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



E687B8



FF80C1



E68789



73676D



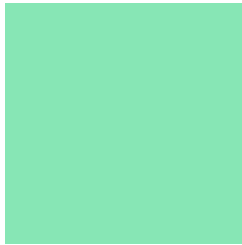
B3005C



33001A

Previews

White Background



This preview shows how the Hex color 87E6B5 looks on a white background.

Color Contrast Check

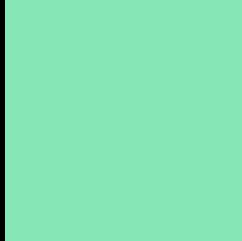
Large Text (above 18pt) WCAG AA × Fail

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 87E6B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

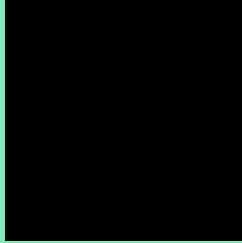
Any Text WCAG AA ✓ Pass

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 87E6B5 Background



This preview shows how black text looks on a background with the Hex color 87E6B5.

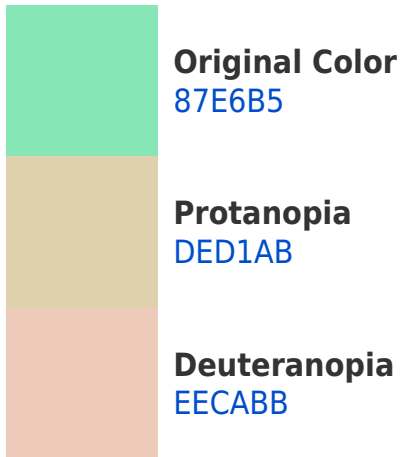


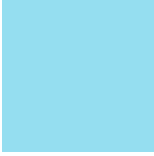
This preview shows how white text looks on a background with the Hex color 87E6B5.

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
95DEF0

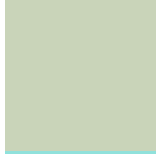
Trichromacy



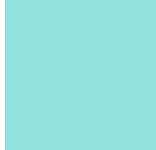
Original Color
87E6B5



Protanomaly
BED9AF



Deuteranomaly
C9D4B9

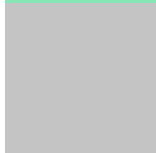


Tritanomaly
90E1DB

Monochromacy



Original Color
87E6B5



Achromatopsia
C4C4C4



Achromatomaly
AED0BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 87E6B5 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 #87E6B5 looks like.

```
.text, #text, p{  
    color:#87E6B5  
}
```

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 #87E6B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E6B5
}
```

Border

The CSS property to change the border of an element to Hex 87E6B5 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
#87E6B5 }
```

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

```
.border{ border-color:#87E6B5 }
```

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

Here you see how a box with a 4 pixel #87E6B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E6B5; -webkit-box-shadow:4px 4px  
4px 4px #87E6B5; box-shadow:4px 4px 4px  
4px #87E6B5 }
```

Background

The CSS property to change the background color of an element to Hex 87E6B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E6B5 }
```

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

```
.background{ background-color:#87E6B5 }
```

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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