

Converting Colors

Hex(87E885)

Have a look what the booklet for
Hex(87E885) contains.

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Color

Hex(87E885)

Conversions

Conversions Part 1

Format	Color
Hex	87E885
RGB	135, 232, 133
RGB Percent	53%, 91%, 52%
CMY	0.4706, 0.0902, 0.4784
CMYK	0.42, 0.00, 0.43, 0.09
HSL	119°, 68%, 72%
HSV	119°, 43%, 91%
XYZ	43.0819, 64.5576, 32.3805
YIQ	191.7110, -26.0330, -51.3530

Conversions

Conversions Part 2

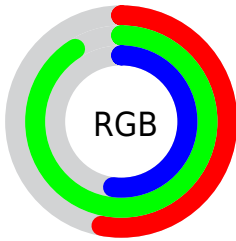
Format	Color
RYB	133, 232, 230
Decimal	8906885
CIELab	84.26, -48.05, 39.36
CIElCh	84, 62.114, 140.682
Yxy	64.5576, 0.3077, 0.4611
Android (android.graphics.Color)	4287096965 (0xFF87E885)
YUV	191.7110, -28.9445, -49.7355
Hunter-Lab	80.3477, -44.8980, 32.3493

Details

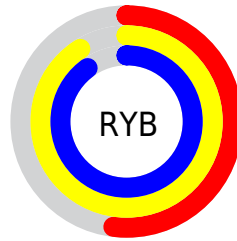
The Hex color **87E885** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E685E8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C0FFBB**, and **4EB051** is the 20% darker color. If you saturate the color by 10%, you get **70E86E**, and if you desaturate by 10%, it is **9EE89C**.

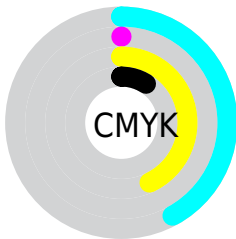
Distribution



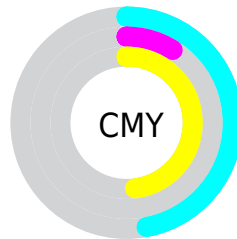
- Red (53%)
- Green (91%)
- Blue (52%)



- Red (52%)
- Yellow (91%)
- Blue (90%)



- Cyan (42%)
- Magenta (0%)
- Yellow (43%)
- Black (9%)



- Cyan (47%)
- Magenta (9%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E885 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 87E885 by changing the saturation by 10% instead.

 87E885

 87E885

FFFFFF

 6BCB6B

 C0FFBB

 4EB051

 DDFFD7

 2F9439

 FBFFF4

 007A20

 006002

 004800

 003000

 001700

 000000

 87E885

 87E885

 70E86E

 9EE89C

 5AE857

 B4E8B3

 43E83F

 CBE8CB

 2CE828

 E2E8E2

 15E811

 F9E8F9

 05E800

 FFE8FF

Harmonies

Analogous

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



CCDB5F



87E885



00EFBD

Triad

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



87E885



00DEFF



FFA2AC

Complementary

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



87E885



E685E8

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.



FFA2E7



87E885



B8CAFF

Square

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



87E885



00EAFF



FFB3FF



FFB379

Rectangle

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



87E885



00F0E6



FFB3FF



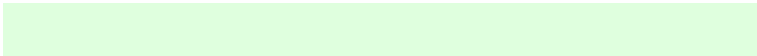
FFA0BF

Sweetspot

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



87E885



DFFFDE



E8E585



6C806B



000000



808080

Same Dimension

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



87E885



80FF7D



85E8B3



687367



04B300



013300

Inverse Universe

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



E685E8



FC7DFF



E885BA



736773



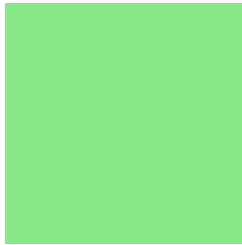
AF00B3



320033

Previews

White Background



This preview shows how the Hex color 87E885 looks on a white background.

Color Contrast Check

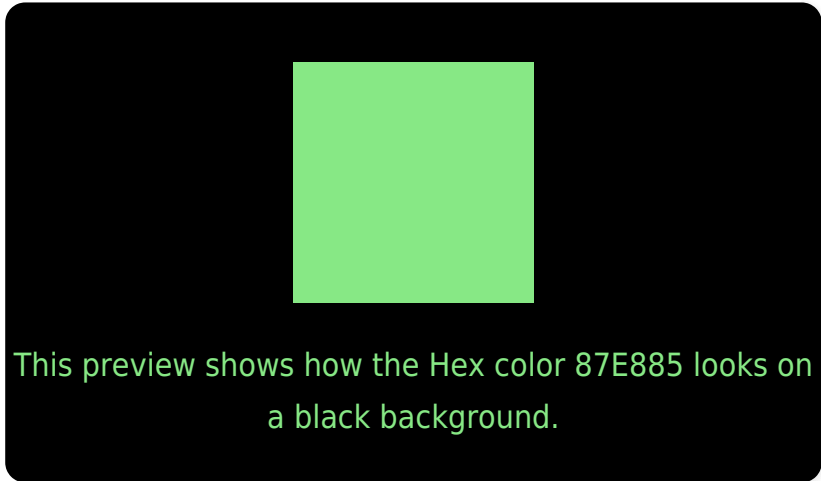
Large Text (above 18pt) WCAG AA × Fail

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 87E885 Background



This preview shows how black text looks on a background with the Hex color 87E885.

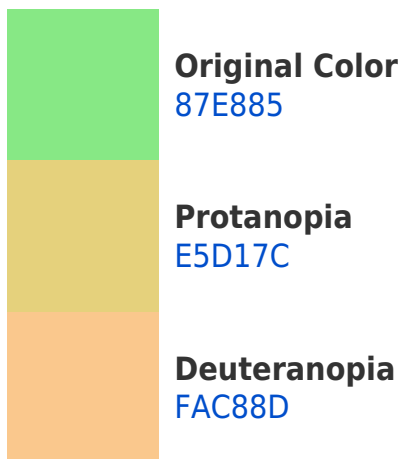


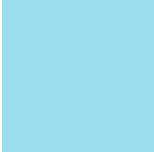
This preview shows how white text looks on a background with the Hex color 87E885.

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



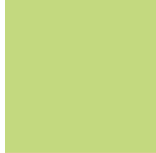


Tritanopia
9CDCEd

Trichromacy



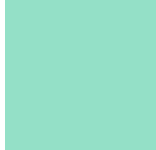
Original Color
87E885



Protanomaly
C3D97F



Deuteranomaly
D0D48A

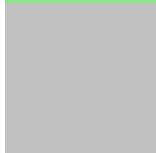


Tritanomaly
94E0C7

Monochromacy



Original Color
87E885



Achromatopsia
C0C0C0



Achromatomaly
ABC FAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 87E885 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 #87E885 looks like.

```
.text, #text, p{  
    color:#87E885  
}
```

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 #87E885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E885
}
```

Border

The CSS property to change the border of an element to Hex 87E885 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
#87E885 }
```

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

```
.border{ border-color:#87E885 }
```

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

Here you see how a box with a 4 pixel #87E885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E885; -webkit-box-shadow:4px 4px  
4px 4px #87E885; box-shadow:4px 4px 4px  
4px #87E885 }
```

Background

The CSS property to change the background color of an element to Hex 87E885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E885 }
```

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

```
.background{ background-color:#87E885 }
```

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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