

Converting Colors

Hex(87CA81)

Have a look what the booklet for
Hex(87CA81) contains.

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Color

Hex(87CA81)

Conversions

Conversions Part 1

Format	Color
Hex	87CA81
RGB	135, 202, 129
RGB Percent	53%, 79%, 51%
CMY	0.4706, 0.2078, 0.4941
CMYK	0.33, 0.00, 0.36, 0.21
HSL	115°, 41%, 65%
HSV	115°, 36%, 79%
XYZ	35.0747, 48.9769, 28.3737
YIQ	173.6450, -16.4990, -36.9070

Conversions

Conversions Part 2

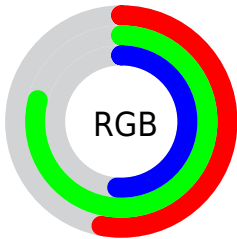
Format	Color
RYB	129, 202, 196
Decimal	8899201
CIELab	75.44, -35.49, 29.90
CIELCh	75, 46.407, 139.881
Yxy	48.9769, 0.3120, 0.4356
Android (android.graphics.Color)	4287089281 (0xFF87CA81)
YUV	173.6450, -22.0100, -33.8917
Hunter-Lab	69.9835, -33.0097, 24.9502

Details

The Hex color **87CA81** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C481CA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BEFFB7**, and **52934F** is the 20% darker color. If you saturate the color by 10%, you get **74CA6D**, and if you desaturate by 10%, it is **9ACA95**.

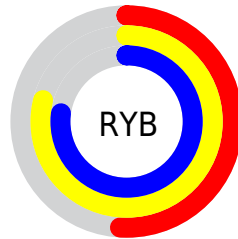
Distribution



Red (53%)

Green (79%)

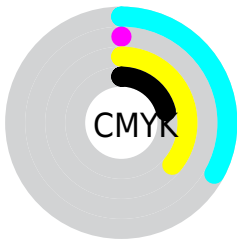
Blue (51%)



Red (51%)

Yellow (79%)

Blue (77%)

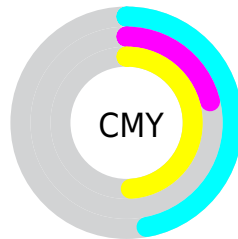


Cyan (33%)

Magenta (0%)

Yellow (36%)

Black (21%)



Cyan (47%)

Magenta (21%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87CA81 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 87CA81 by changing the saturation by 10% instead.

 87CA81

 87CA81

FFFFFF

 6CAE67

 BEFFB7

 52934F

 DBFFD2

 387937

 F8FFE7

 1C6020

 004807

 003000

 001C00

 000000

 87CA81

 87CA81

 74CA6D

 9ACA95

 62CA59

 ACCAA9

 4FCA44

 BFCABE

 3DCA30

 D1CAD2

 2ACA1C

 E4CAE6

 18CA08

 F6CAFA

 11CA00

 FFCAFF

Harmonies

Analogous

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



B8C067



87CA81



47CFA9

Triad

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



87CA81



56C2FF



FF999F

Complementary

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



87CA81



C481CA

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.



FF99CA



87CA81



A8B4FF

Square

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



87CA81



00CCFA



E1A4F1



FFA37A

Rectangle

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



87CA81



00D0C7



E1A4F1



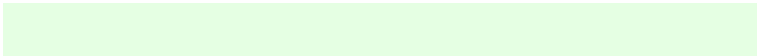
FF97AD

Sweetspot

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



87CA81



E5FFE3



CAC481



70806F



000000



808080

Same Dimension

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



87CA81



9AFF91



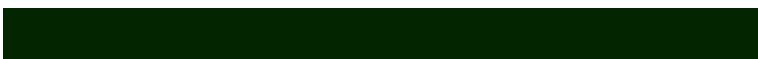
81CA9F



5D665C



0EA600



032600

Inverse Universe

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



C481CA



F691FF



CA81AC



655C66



9800A6



230026

Previews

White Background



This preview shows how the Hex color 87CA81 looks on a white background.

Color Contrast Check

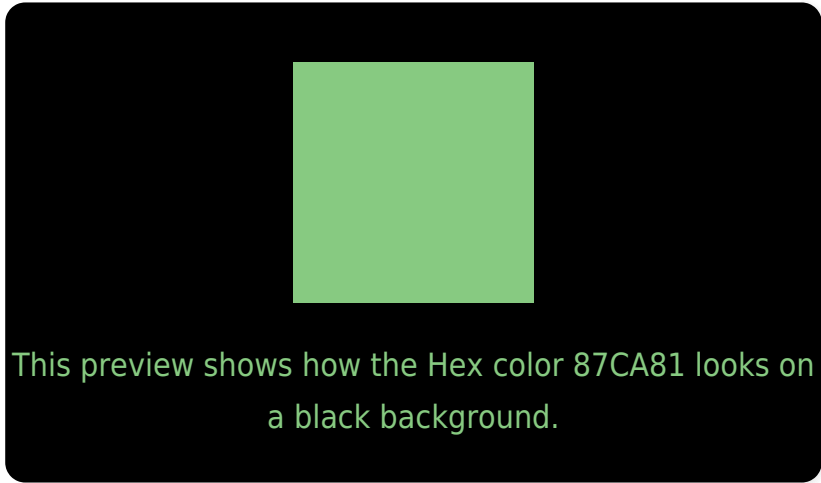
Large Text (above 18pt) WCAG AA × Fail

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

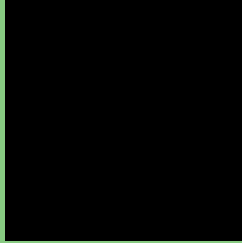
Any Text WCAG AA ✓ Pass

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 87CA81 Background



This preview shows how black text looks on a background with the Hex color 87CA81.

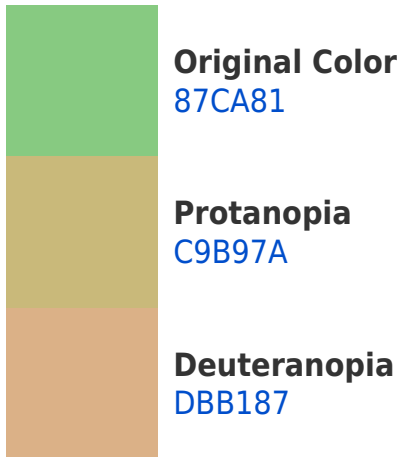


This preview shows how white text looks on a background with the Hex color 87CA81.

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](#).

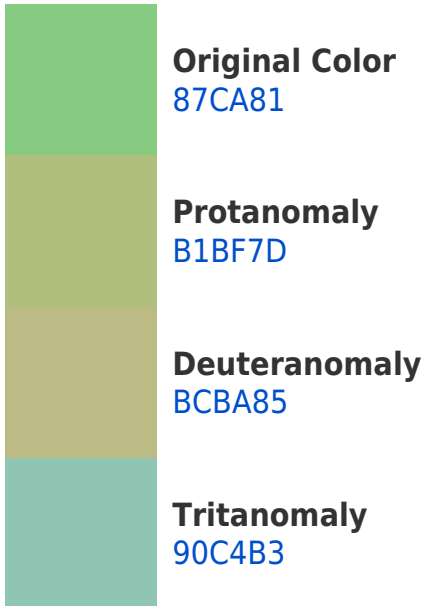
Dichromacy



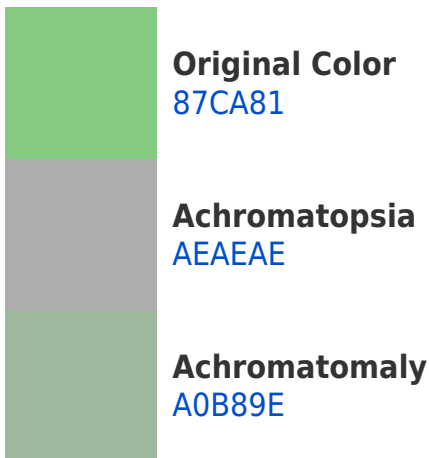


Tritanopia
95C0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87CA81 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 #87CA81 looks like.

```
.text, #text, p{  
    color:#87CA81  
}
```

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 #87CA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87CA81
}
```

Border

The CSS property to change the border of an element to Hex 87CA81 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
#87CA81 }
```

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

```
.border{ border-color:#87CA81 }
```

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

Here you see how a box with a 4 pixel #87CA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87CA81; -webkit-box-shadow:4px 4px  
4px 4px #87CA81; box-shadow:4px 4px 4px  
4px #87CA81 }
```

Background

The CSS property to change the background color of an element to Hex 87CA81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87CA81 }
```

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

```
.background{ background-color:#87CA81 }
```

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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