

Converting Colors

Hex(87E1A3)

Have a look what the booklet for
Hex(87E1A3) contains.

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Color

Hex(87E1A3)

Conversions

Conversions Part 1

Format	Color
Hex	87E1A3
RGB	135, 225, 163
RGB Percent	53%, 88%, 64%
CMY	0.4706, 0.1176, 0.3608
CMYK	0.40, 0.00, 0.28, 0.12
HSL	139°, 60%, 71%
HSV	139°, 40%, 88%
XYZ	43.5277, 61.6457, 44.2550
YIQ	191.0220, -33.7380, -38.3620

Conversions

Conversions Part 2

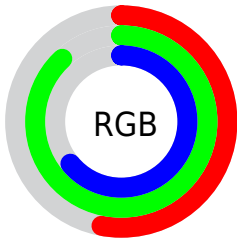
Format	Color
RYB	135, 204, 225
Decimal	8905123
CIELab	82.72, -40.14, 22.07
CIELCh	83, 45.802, 151.199
Yxy	61.6457, 0.2913, 0.4125
Android (android.graphics.Color)	4287095203 (0xFF87E1A3)
YUV	191.0220, -13.8148, -49.1313
Hunter-Lab	78.5148, -38.4423, 21.5414

Details

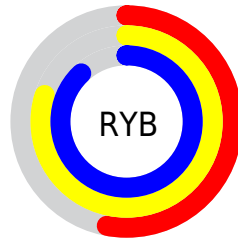
The Hex color **87E1A3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E187C5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BFFFDA**, and **50A96F** is the 20% darker color. If you saturate the color by 10%, you get **71E193**, and if you desaturate by 10%, it is **9DE1B2**.

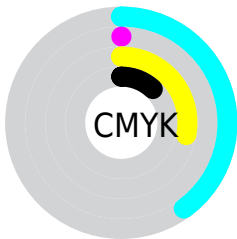
Distribution



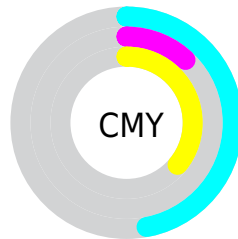
- Red (53%)
- Green (88%)
- Blue (64%)



- Red (53%)
- Yellow (80%)
- Blue (88%)



- Cyan (40%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)



- Cyan (47%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E1A3 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 87E1A3 by changing the saturation by 10% instead.

 87E1A3

 87E1A3

FFFFFF

 6BC589

 BFFFDA

 50A96F

 DCFFF7

 338E56

 FAFFFF

 0F743F

 005B28

 004212

 002C00

 001100

 000000

 87E1A3

 87E1A3

 71E193

 9DE1B2

 5AE184

 B4E1C2

 44E174

 CBE1D2

 2DE165

 E1E1E1

 16E155

 F8E1F1

 00E146

 FFE1FF

Harmonies

Analogous

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



BBD983



87E1A3



46E5CE

Triad

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



87E1A3



90D2FF



FFB0A4

Complementary

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



87E1A3



E187C5

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.



FFACCE



87E1A3



D5C2FF

Square

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



87E1A3



38DDFF



FFB3F8



FFBD84

Rectangle

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



87E1A3



00E5EC



FFB3F8



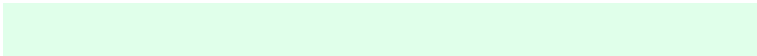
FFADB1

Sweetspot

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



87E1A3



E0FFEA



C6E187



6E8073



000000



808080

Same Dimension

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



87E1A3



85FFAB



87E1CF



657068



00B037



00300F

Inverse Universe

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



E187C5



FF85D9



E18799



70656D



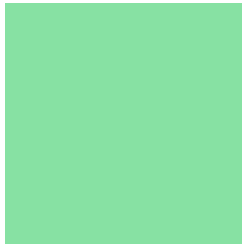
B00079



300021

Previews

White Background



This preview shows how the Hex color 87E1A3 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 87E1A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

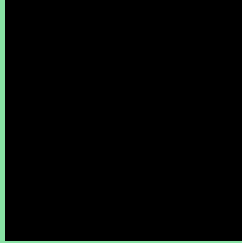
Any Text WCAG AA ✓ Pass

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 87E1A3 Background



This preview shows how black text looks on a background with the Hex color 87E1A3.

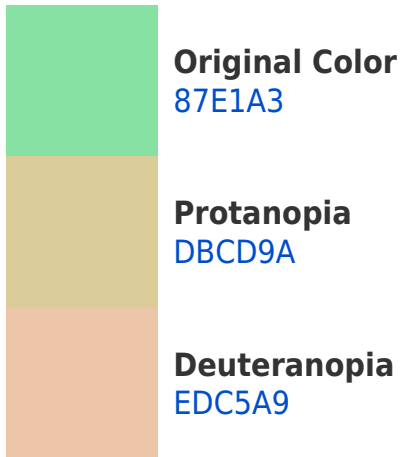


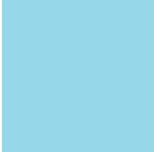
This preview shows how white text looks on a background with the Hex color 87E1A3.

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



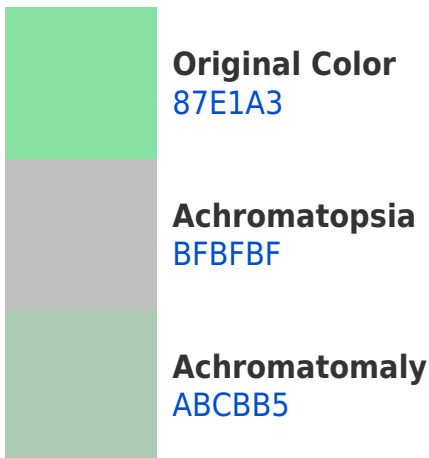


Tritanopia
96D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87E1A3 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 #87E1A3 looks like.

```
.text, #text, p{  
    color:#87E1A3  
}
```

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 #87E1A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E1A3
}
```

Border

The CSS property to change the border of an element to Hex 87E1A3 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
#87E1A3 }
```

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

```
.border{ border-color:#87E1A3 }
```

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

Here you see how a box with a 4 pixel #87E1A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E1A3; -webkit-box-shadow:4px 4px  
4px 4px #87E1A3; box-shadow:4px 4px 4px  
4px #87E1A3 }
```

Background

The CSS property to change the background color of an element to Hex 87E1A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E1A3 }
```

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

```
.background{ background-color:#87E1A3 }
```

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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