

Converting Colors

Hex(86AB7D)

Have a look what the booklet for
Hex(86AB7D) contains.

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Color

Hex(86AB7D)

Conversions

Conversions Part 1

Format	Color
Hex	86AB7D
RGB	134, 171, 125
RGB Percent	53%, 67%, 49%
CMY	0.4745, 0.3294, 0.5098
CMYK	0.22, 0.00, 0.27, 0.33
HSL	108°, 21%, 58%
HSV	108°, 27%, 67%
XYZ	28.0961, 35.6748, 24.8071
YIQ	154.6930, -7.2860, -22.1500

Conversions

Conversions Part 2

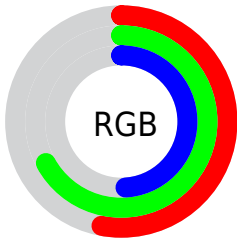
Format	Color
RYB	125, 171, 162
Decimal	8825725
CIELab	66.27, -21.54, 19.69
CIELCh	66, 29.187, 137.567
Yxy	35.6748, 0.3172, 0.4028
Android (android.graphics.Color)	4287015805 (0xFF86AB7D)
YUV	154.6930, -14.6386, -18.1478
Hunter-Lab	59.7284, -20.5587, 17.1848

Details

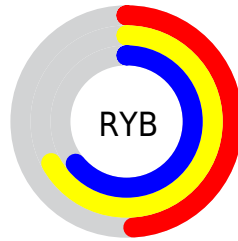
The Hex color **86AB7D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A27DAB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BCE2B2**, and **53774C** is the 20% darker color. If you saturate the color by 10%, you get **78AB6C**, and if you desaturate by 10%, it is **94AB8E**.

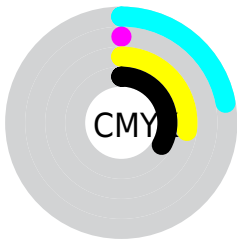
Distribution



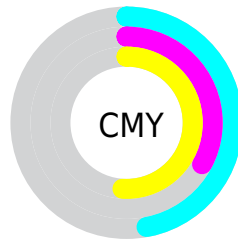
- Red (53%)
- Green (67%)
- Blue (49%)



- Red (49%)
- Yellow (67%)
- Blue (64%)



- Cyan (22%)
- Magenta (0%)
- Yellow (27%)
- Black (33%)



- Cyan (47%)
- Magenta (33%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86AB7D 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 86AB7D by changing the saturation by 10% instead.

 86AB7D

 86AB7D

FFFFFF

 6C9064

 BCE2B2

 53774C

 D8FFCD

 3B5E35

 F4FFEA

 24461F

 0D2F08

 001C00

 000000

 86AB7D

 86AB7D

 78AB6C

 94AB8E

 6AAB5B

 A2AB9F

 5DAB4A

 AFABB0

 4FAB39

 BDABC1

 41AB27

 CBABD2

 33AB16

 D9ABE4

 26AB05

 E6ABF5

 21AB00

 F4ABFF

 FFABFF

Harmonies

Analogous

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



A4A46F



86AB7D



68AF95

Triad

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



86AB7D



6FA7D4



D68E93

Complementary

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



86AB7D



A27DAB

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.



CE8FAD



86AB7D



969ED3

Square

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



86AB7D



51ADC7



B895C5



CF937C

Rectangle

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



86AB7D



56B0A7



B895C5



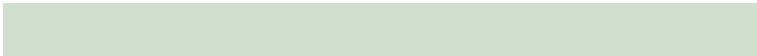
D58D9B

Sweetspot

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



86AB7D



D0DECC



ABA27D



677065



F0F0F0



707070

Same Dimension

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



86AB7D



A5DE97



7DAB8B



50574E



1D9600



041700

Inverse Universe

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



A27DAB



D097DE



AB7D9D



554E57



790096



120017

Previews

White Background



This preview shows how the Hex color 86AB7D looks on a white background.

Color Contrast Check

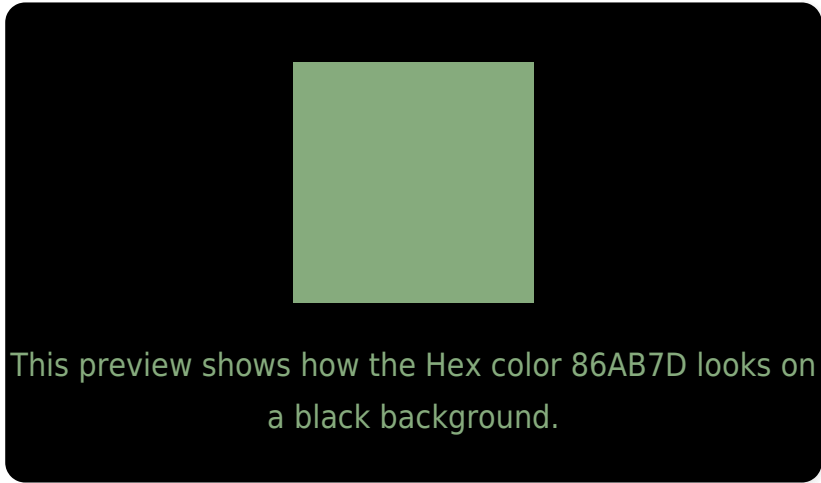
Large Text (above 18pt) WCAG AA × Fail

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

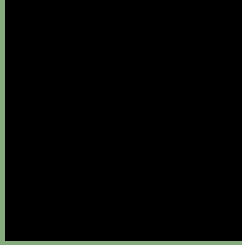
Any Text WCAG AA ✓ Pass

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 86AB7D Background



This preview shows how black text looks on a background with the Hex color 86AB7D.

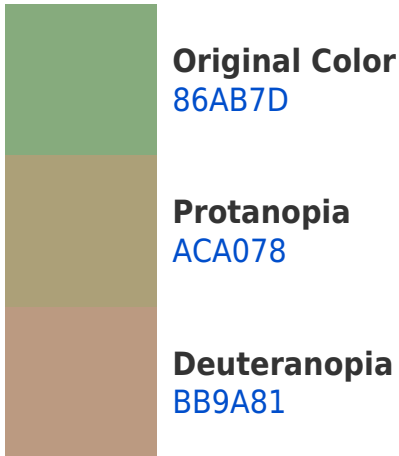


This preview shows how white text looks on a background with the Hex color 86AB7D.

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](#).

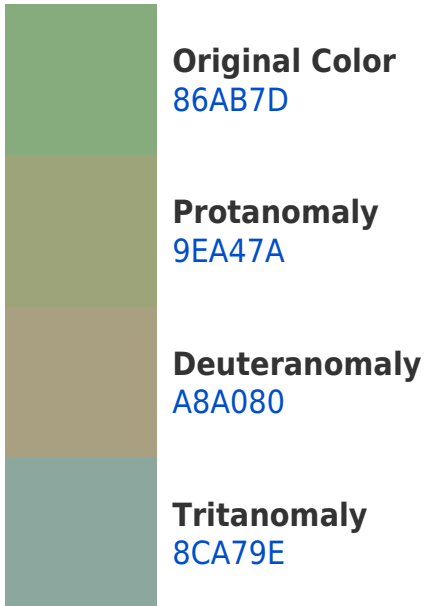
Dichromacy



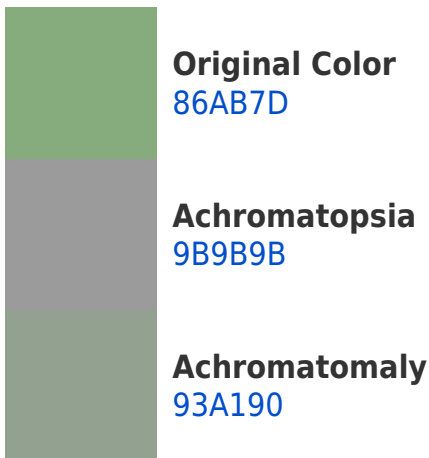


Tritanopia
8FA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86AB7D 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 #86AB7D looks like.

```
.text, #text, p{  
    color:#86AB7D  
}
```

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 #86AB7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AB7D
}
```

Border

The CSS property to change the border of an element to Hex 86AB7D 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
#86AB7D }
```

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

```
.border{ border-color:#86AB7D }
```

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

Here you see how a box with a 4 pixel #86AB7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AB7D; -webkit-box-shadow:4px 4px  
4px 4px #86AB7D; box-shadow:4px 4px 4px  
4px #86AB7D }
```

Background

The CSS property to change the background color of an element to Hex 86AB7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AB7D }
```

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

```
.background{ background-color:#86AB7D }
```

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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