

Converting Colors

Hex(86AD9D)

Have a look what the booklet for
Hex(86AD9D) contains.

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Color

Hex(86AD9D)

Conversions

Conversions Part 1

Format	Color
Hex	86AD9D
RGB	134, 173, 157
RGB Percent	53%, 68%, 62%
CMY	0.4745, 0.3216, 0.3843
CMYK	0.23, 0.00, 0.09, 0.32
HSL	155°, 19%, 60%
HSV	155°, 23%, 68%
XYZ	30.8609, 37.3898, 37.4887
YIQ	159.5150, -18.1080, -13.2440

Conversions

Conversions Part 2

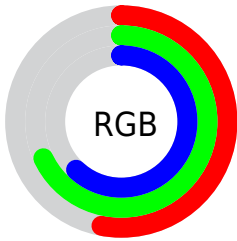
Format	Color
RYB	134, 159, 173
Decimal	8826269
CIELab	67.57, -16.55, 3.91
CIELCh	68, 17.005, 166.719
Yxy	37.3898, 0.2919, 0.3536
Android (android.graphics.Color)	4287016349 (0xFF86AD9D)
YUV	159.5150, -1.2399, -22.3767
Hunter-Lab	61.1472, -16.9189, 6.4530

Details

The Hex color **86AD9D** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AD8696**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BCE5D4**, and **53796A** is the 20% darker color. If you saturate the color by 10%, you get **75AD96**, and if you desaturate by 10%, it is **97ADA4**.

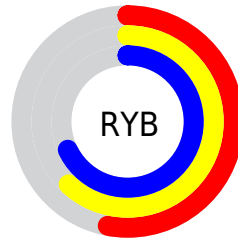
Distribution



Red (53%)

Green (68%)

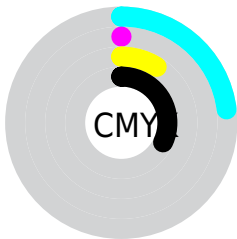
Blue (62%)



Red (53%)

Yellow (62%)

Blue (68%)

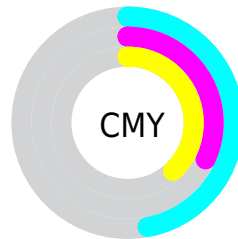


Cyan (23%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (47%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86AD9D 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 86AD9D by changing the saturation by 10% instead.



86AD9D



86AD9D

FFFFFF



6C9283



BCE5D4



53796A



D8FFF0



3B6052



F4FFFF



24483B



0D3125



001D10



000000



86AD9D



86AD9D



75AD96



97ADA4

 63AD8F

 A9ADAB

 52AD88

 BAADB2

 41AD81

 CBADB9

 2FAD7A

 DDADC0

 1EAD72

 EEADC8

 0DAD6B

 FFADCF

 00AD66

 FFADD6

 FFADDD

Harmonies

Analogous

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



96AA8F



86AD9D



7CADAD

Triad

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



86AD9D



9FA3C2



C29D8F

Complementary

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



86AD9D



AD8696

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.



C59A9C



86AD9D



B29EBA

Square

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



86AD9D



8BA8C2



BF9BAC



B7A187

Rectangle

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



86AD9D



7CADB6



BF9BAC



C49B93

Sweetspot

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



86AD9D



D1E0DA



96AD86



67706D



F0F0F0



707070

Same Dimension

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



86AD9D



A4E0C8



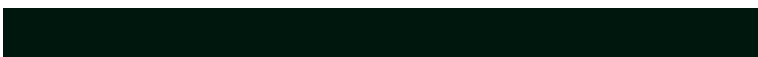
86AAAD



4E5753



009659



00170E

Inverse Universe

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



AD8696



E0A4BD



AD8986



574E52



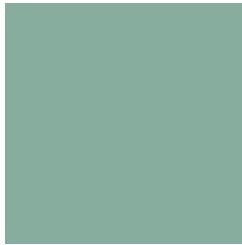
96003E



170009

Previews

White Background



This preview shows how the Hex color 86AD9D 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 86AD9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

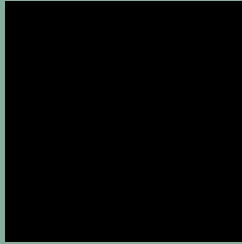
Any Text WCAG AA ✓ Pass

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 86AD9D Background



This preview shows how black text looks on a background with the Hex color 86AD9D.

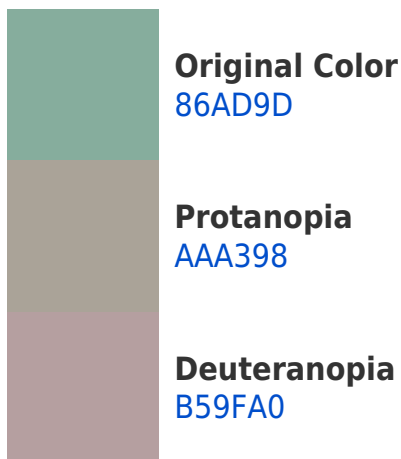


This preview shows how white text looks on a background with the Hex color 86AD9D.

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](#).

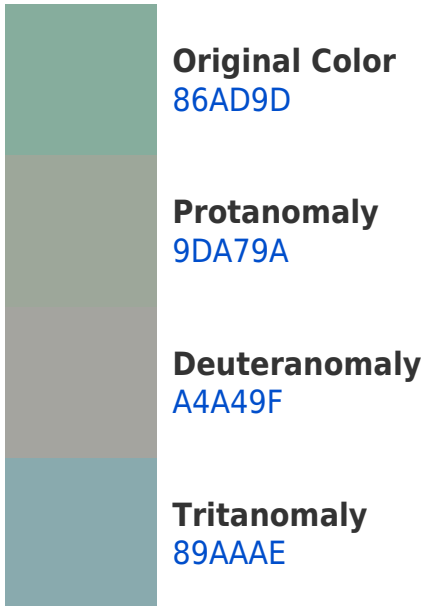
Dichromacy



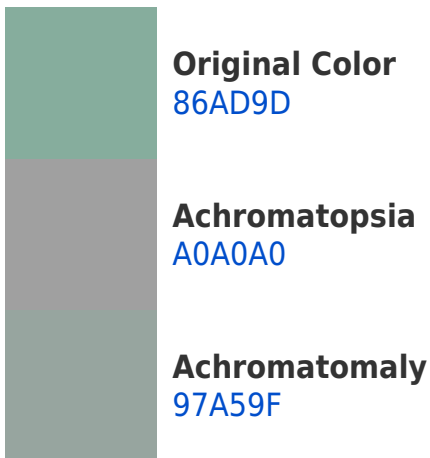


Tritanopia
8BA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86AD9D 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 #86AD9D looks like.

```
.text, #text, p{  
    color:#86AD9D  
}
```

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 #86AD9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AD9D
}
```

Border

The CSS property to change the border of an element to Hex 86AD9D 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
#86AD9D }
```

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

```
.border{ border-color:#86AD9D }
```

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

Here you see how a box with a 4 pixel #86AD9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AD9D; -webkit-box-shadow:4px 4px  
4px 4px #86AD9D; box-shadow:4px 4px 4px  
4px #86AD9D }
```

Background

The CSS property to change the background color of an element to Hex 86AD9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AD9D }
```

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

```
.background{ background-color:#86AD9D }
```

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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