

Converting Colors

Hex(86AF99)

Have a look what the booklet for
Hex(86AF99) contains.

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Color

Hex(86AF99)

Conversions

Conversions Part 1

Format	Color
Hex	86AF99
RGB	134, 175, 153
RGB Percent	53%, 69%, 60%
CMY	0.4745, 0.3137, 0.4000
CMYK	0.23, 0.00, 0.13, 0.31
HSL	148°, 20%, 61%
HSV	148°, 23%, 69%
XYZ	30.9113, 38.0282, 35.8480
YIQ	160.2330, -17.3740, -15.5340

Conversions

Conversions Part 2

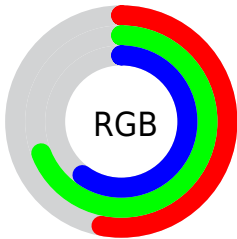
Format	Color
RYB	134, 162, 175
Decimal	8826777
CIELab	68.04, -18.40, 6.80
CIELCh	68, 19.618, 159.727
Yxy	38.0282, 0.2950, 0.3629
Android (android.graphics.Color)	4287016857 (0xFF86AF99)
YUV	160.2330, -3.5659, -23.0063
Hunter-Lab	61.6670, -18.4422, 8.7007

Details

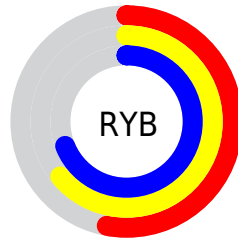
The Hex color **86AF99** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF869C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BCE7CF**, and **537A66** is the 20% darker color. If you saturate the color by 10%, you get **75AF90**, and if you desaturate by 10%, it is **98AFA2**.

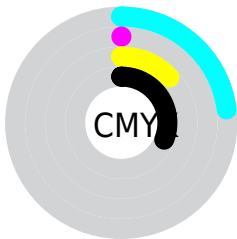
Distribution



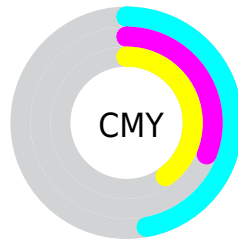
- Red (53%)
- Green (69%)
- Blue (60%)



- Red (53%)
- Yellow (64%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (47%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86AF99 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 86AF99 by changing the saturation by 10% instead.

86AF99

86AF99

FFFFFF

6C947F

BCE7CF

537A66

D8FFEC

3B614E

F4FFFF

244937

0C3322

001E0C

000000

86AF99

86AF99

75AF90

98AFA2

 63AF86

 A9AFAC

 52AF7D

 BBAFB5

 40AF73

 CCAFBF

 2FAF6A

 DEAF8C

 1DAF61

 EFAFD1

 0CAF57

 FFAFDB

 00AF51

 FFAFE4

 FFAFEE

Harmonies

Analogous

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



99AC8A



86AF99



78B0AB

Triad

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



86AF99



99A5C8



C99C90

Complementary

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



86AF99



AF869C

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.



CA99A1



86AF99



B09FC1

Square

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



86AF99



83ABC7



C29BB2



BEA185

Rectangle

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



86AF99



75AFB7



C29BB2



CA9A95

Sweetspot

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



86AF99



D3E3DA



9DAF86



6A736E



F2F2F2



737373

Same Dimension

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



86AF99



A3E3C1



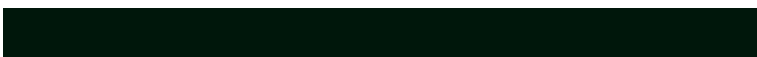
86AFAD



4E5752



009646



00170B

Inverse Universe

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



AF869C



E3A3C6



AF8688



574E53



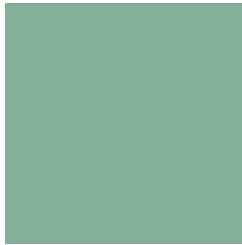
960051



17000C

Previews

White Background



This preview shows how the Hex color 86AF99 looks on a white background.

Color Contrast Check

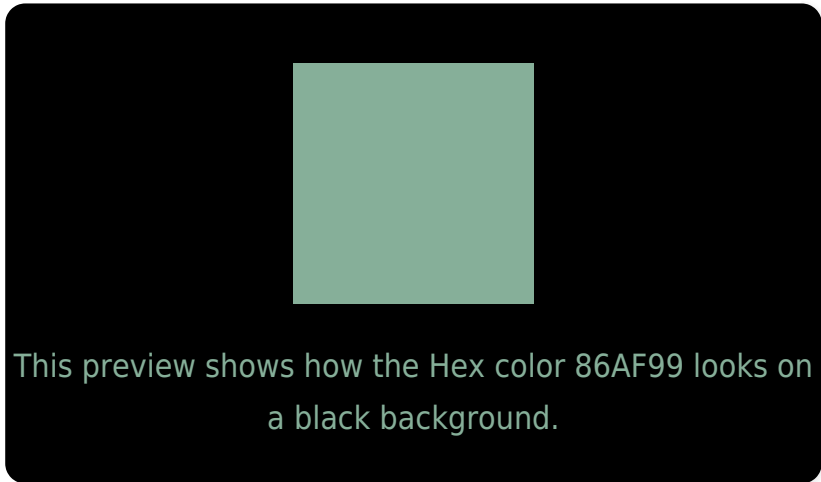
Large Text (above 18pt) WCAG AA × Fail

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

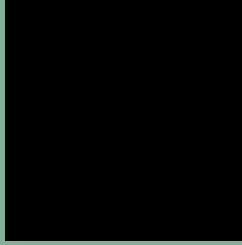
Any Text WCAG AA ✓ Pass

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 86AF99 Background



This preview shows how black text looks on a background with the Hex color 86AF99.



This preview shows how white text looks on a background with the Hex color 86AF99.

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](#).

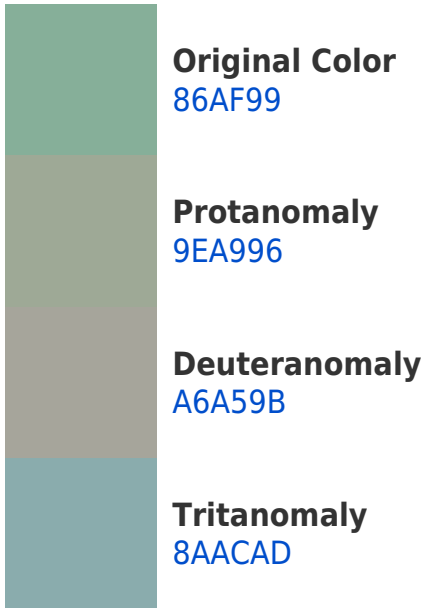
Dichromacy



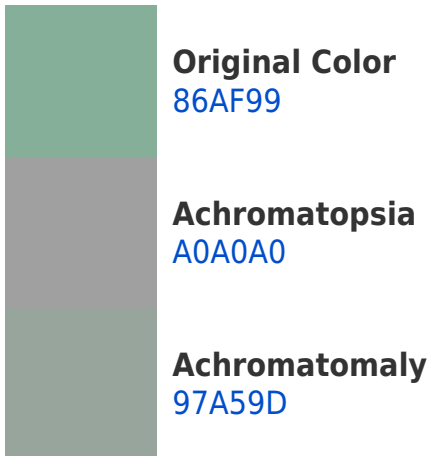


Tritanopia
8CABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86AF99 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 #86AF99 looks like.

```
.text, #text, p{  
    color:#86AF99  
}
```

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 #86AF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AF99
}
```

Border

The CSS property to change the border of an element to Hex 86AF99 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
#86AF99 }
```

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

```
.border{ border-color:#86AF99 }
```

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

Here you see how a box with a 4 pixel #86AF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AF99; -webkit-box-shadow:4px 4px  
4px 4px #86AF99; box-shadow:4px 4px 4px  
4px #86AF99 }
```

Background

The CSS property to change the background color of an element to Hex 86AF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AF99 }
```

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

```
.background{ background-color:#86AF99 }
```

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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