

Converting Colors

Hex(86A8AC)

Have a look what the booklet for
Hex(86A8AC) contains.

Hex(86A8AC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86A8AC)

Conversions

Conversions Part 1

Format	Color
Hex	86A8AC
RGB	134, 168, 172
RGB Percent	53%, 66%, 67%
CMY	0.4745, 0.3412, 0.3255
CMYK	0.22, 0.02, 0.00, 0.33
HSL	186°, 19%, 60%
HSV	186°, 22%, 67%
XYZ	31.2805, 36.0522, 44.3398
YIQ	158.2900, -21.5480, -5.9640

Conversions

Conversions Part 2

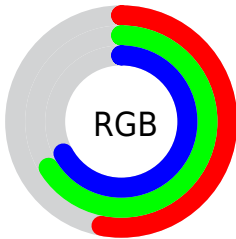
Format	Color
RYB	134, 152, 172
Decimal	8825004
CIELab	66.56, -10.65, -5.90
CIElCh	67, 12.176, 208.976
Yxy	36.0522, 0.2801, 0.3228
Android (android.graphics.Color)	4287015084 (0xFF86A8AC)
YUV	158.2900, 6.7590, -21.3023
Hunter-Lab	60.0434, -12.0838, -1.7530

Details

The Hex color **86A8AC** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC8A86**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BCDFE3**, and **537478** is the 20% darker color. If you saturate the color by 10%, you get **75A6AC**, and if you desaturate by 10%, it is **97AAAC**.

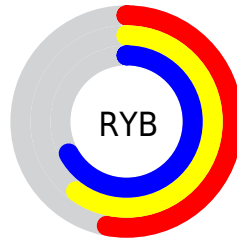
Distribution



Red (53%)

Green (66%)

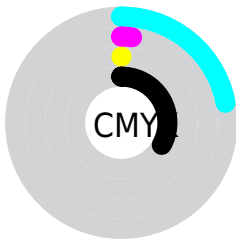
Blue (67%)



Red (53%)

Yellow (60%)

Blue (67%)

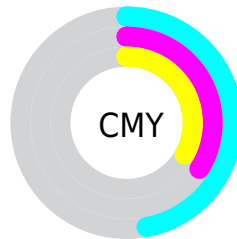


Cyan (22%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A8AC 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 86A8AC by changing the saturation by 10% instead.

 86A8AC

 86A8AC

FFFFFF

 6C8E91

 BCDFE3

 537478

 D8FCFF

 3B5B5F

 F5FFFF

 244447

 0C2D31

 00191C

 000000

 86A8AC

 86A8AC

 75A6AC

 97AAAC

64A4AC

A8ACAC

52A3AC

BAADAC

41A1AC

CBAFAC

309FAC

DCB1AC

1F9DAC

EDB3AC

0E9BAC

FEB5AC

009AAC

FFB6AC

FFB8AC

Harmonies

Analogous

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



89A8A1



86A8AC



8BA6B4

Triad

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



86A8AC



B09CAD



ABA18C

Complementary

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



86A8AC



AC8A86

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.



B59D8F



86A8AC



B89AA3

Square

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



86A8AC



A49FB5



B99B98



9FA48F

Rectangle

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



86A8AC



92A4B7



B99B98



AFA08D

Sweetspot

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



86A8AC



D1DFE0



86AC8A



676F70



F0F0F0



707070

Same Dimension

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



86A8AC



A4DAE0



8695AC



4E5657



008796



001517

Inverse Universe

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



AC86A8



E0A4DA



AC9D86



574E56



960087



170015

Previews

White Background



This preview shows how the Hex color 86A8AC looks on a white background.

Color Contrast Check

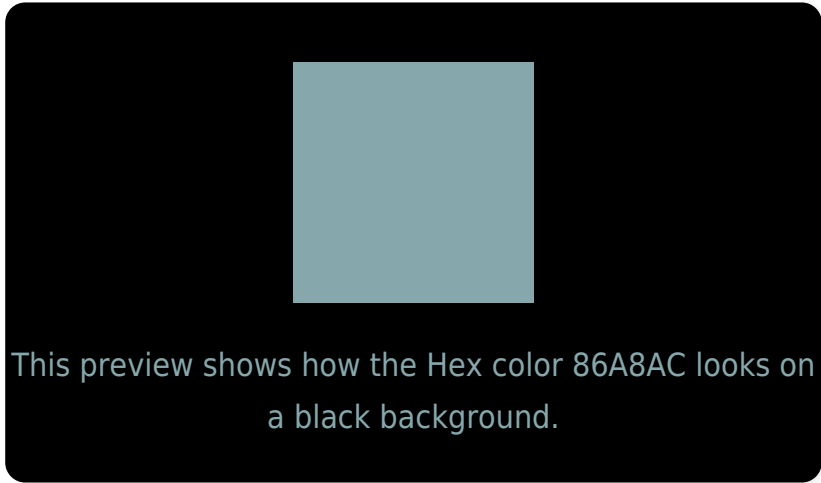
Large Text (above 18pt) WCAG AA × Fail

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

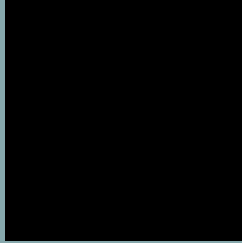
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

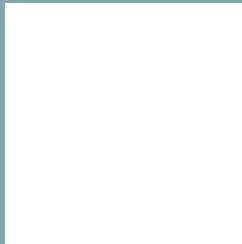
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 86A8AC Background



This preview shows how black text looks on a background with the Hex color 86A8AC.

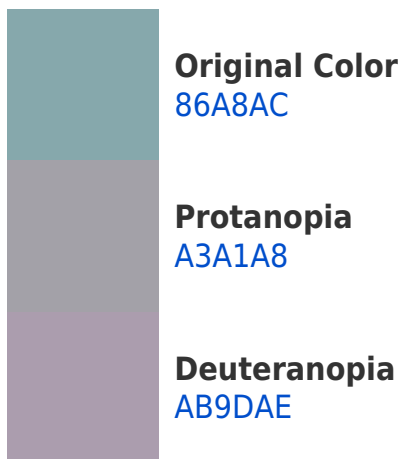


This preview shows how white text looks on a background with the Hex color 86A8AC.

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](#).

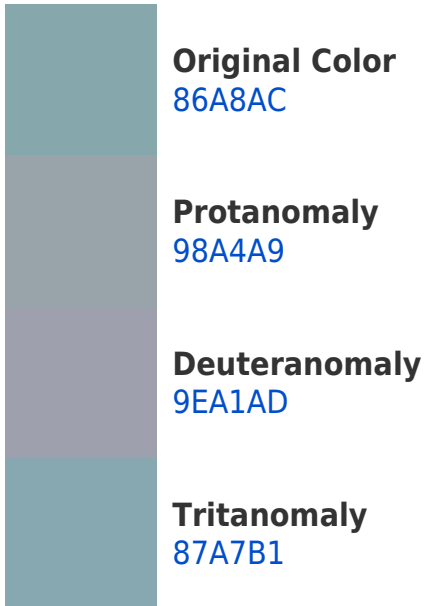
Dichromacy





Tritanopia
88A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A8AC 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 #86A8AC looks like.

```
.text, #text, p{  
    color:#86A8AC  
}
```

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 #86A8AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A8AC
}
```

Border

The CSS property to change the border of an element to Hex 86A8AC 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
#86A8AC }
```

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

```
.border{ border-color:#86A8AC }
```

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

Here you see how a box with a 4 pixel #86A8AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A8AC; -webkit-box-shadow:4px 4px  
4px 4px #86A8AC; box-shadow:4px 4px 4px  
4px #86A8AC }
```

Background

The CSS property to change the background color of an element to Hex 86A8AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A8AC }
```

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

```
.background{ background-color:#86A8AC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor