

Converting Colors

Hex(85AB98)

Have a look what the booklet for
Hex(85AB98) contains.

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Color

Hex(85AB98)

Conversions

Conversions Part 1

Format	Color
Hex	85AB98
RGB	133, 171, 152
RGB Percent	52%, 67%, 60%
CMY	0.4784, 0.3294, 0.4039
CMYK	0.22, 0.00, 0.11, 0.33
HSL	150°, 18%, 60%
HSV	150°, 22%, 67%
XYZ	29.9033, 36.3794, 35.1516
YIQ	157.4720, -16.5490, -13.9650

Conversions

Conversions Part 2

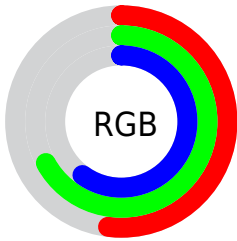
Format	Color
RYB	133, 158, 171
Decimal	8760216
CIELab	66.81, -16.87, 5.57
CIElCh	67, 17.765, 161.719
Yxy	36.3794, 0.2948, 0.3586
Android (android.graphics.Color)	4286950296 (0xFF85AB98)
YUV	157.4720, -2.6977, -21.4619
Hunter-Lab	60.3153, -17.0546, 7.6666

Details

The Hex color **85AB98** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB8598**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BBE2CE**, and **537765** is the 20% darker color. If you saturate the color by 10%, you get **74AB8F**, and if you desaturate by 10%, it is **96ABA1**.

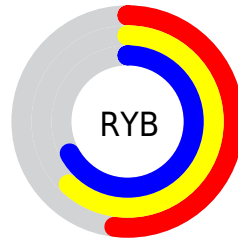
Distribution



Red (52%)

Green (67%)

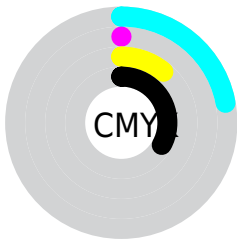
Blue (60%)



Red (52%)

Yellow (62%)

Blue (67%)

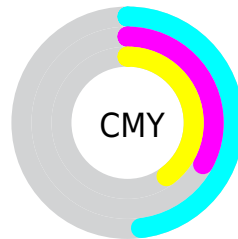


Cyan (22%)

Magenta (0%)

Yellow (11%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85AB98 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 85AB98 by changing the saturation by 10% instead.



85AB98



85AB98

FFFFFF



6B907E



BBE2CE



537765



D7FFEA



3B5E4D



F3FFFF



244636



0C2F21



001C0B



000000



85AB98



85AB98



74AB8F



96ABA1

 63AB87

 A7ABA9

 52AB7E

 B8ABB2

 41AB76

 C9ABBA

 30AB6D

 DAABC3

 1EAB65

 ECABCB

 0DAB5C

 FDABD4

 00AB55

 FFABDC

 FFABE5

Harmonies

Analogous

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



96A88A



85AB98



79ACA8

Triad

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



85AB98



99A2C2



C29A8E

Complementary

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



85AB98



AB8598

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.



C4979D



85AB98



AD9CBA

Square

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



85AB98



85A7C0



BD98AD



B89E85

Rectangle

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



85AB98



77ABB3



BD98AD



C39992

Sweetspot

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



85AB98



CEDED6



98AB85



67706C



F0F0F0



707070

Same Dimension

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



85AB98



A2DEC0



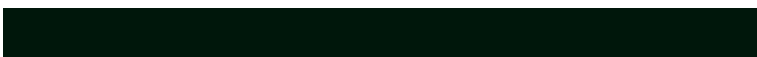
85ABAB



4E5752



00964B



00170B

Inverse Universe

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



AB8598



DEA2C0



AB8585



574E52



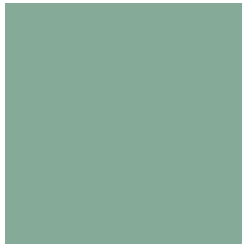
96004B



17000B

Previews

White Background



This preview shows how the Hex color 85AB98 looks on a white background.

Color Contrast Check

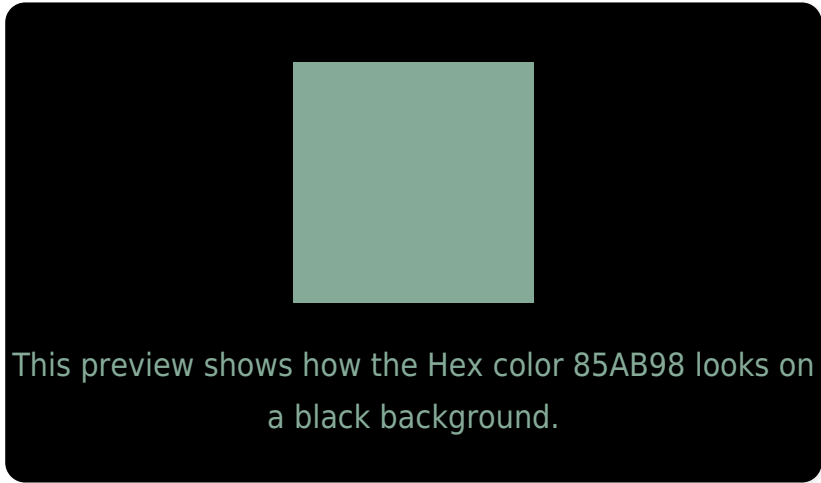
Large Text (above 18pt) WCAG AA × Fail

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

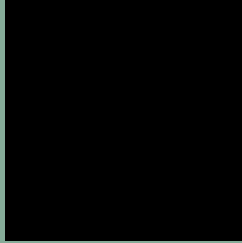
Any Text WCAG AA ✓ Pass

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 85AB98 Background



This preview shows how black text looks on a background with the Hex color 85AB98.

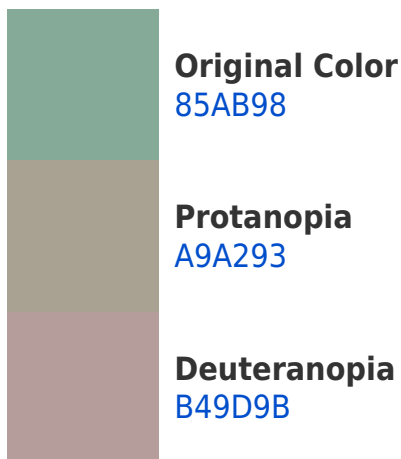


This preview shows how white text looks on a background with the Hex color 85AB98.

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
8AA7B4

Trichromacy



Original Color
85AB98

Protanomaly
9CA595

Deuteranomaly
A3A29A

Tritanomaly
88A8AA

Monochromacy



Original Color
85AB98

Achromatopsia
9D9D9D

Achromatomaly
94A29B

CSS Examples

Text

The CSS property to change the color of the text to Hex 85AB98 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 #85AB98 looks like.

```
.text, #text, p{  
    color:#85AB98  
}
```

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 #85AB98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AB98  
}
```

Border

The CSS property to change the border of an element to Hex 85AB98 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  
#85AB98 }
```

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

```
.border{ border-color:#85AB98 }
```

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

Here you see how a box with a 4 pixel #85AB98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AB98; -webkit-box-shadow:4px 4px  
4px 4px #85AB98; box-shadow:4px 4px 4px  
4px #85AB98 }
```

Background

The CSS property to change the background color of an element to Hex 85AB98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AB98 }
```

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

```
.background{ background-color:#85AB98 }
```

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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