

Converting Colors

Hex(85AC9E)

Have a look what the booklet for
Hex(85AC9E) contains.

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Color

Hex(85AC9E)

Conversions

Conversions Part 1

Format	Color
Hex	85AC9E
RGB	133, 172, 158
RGB Percent	52%, 67%, 62%
CMY	0.4784, 0.3255, 0.3804
CMYK	0.23, 0.00, 0.08, 0.33
HSL	158°, 19%, 60%
HSV	158°, 23%, 67%
XYZ	30.5969, 36.9602, 37.8692
YIQ	158.7430, -18.7500, -12.6220

Conversions

Conversions Part 2

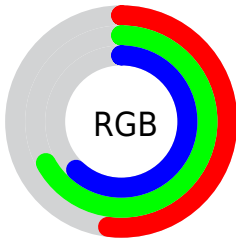
Format	Color
RYB	133, 157, 172
Decimal	8760478
CIELab	67.25, -16.15, 2.88
CIELCh	67, 16.403, 169.888
Yxy	36.9602, 0.2902, 0.3506
Android (android.graphics.Color)	4286950558 (0xFF85AC9E)
YUV	158.7430, -0.3663, -22.5766
Hunter-Lab	60.7949, -16.5554, 5.6247

Details

The Hex color **85AC9E** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC8593**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BBE3D5**, and **52786B** is the 20% darker color. If you saturate the color by 10%, you get **74AC98**, and if you desaturate by 10%, it is **96ACA4**.

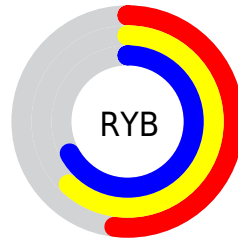
Distribution



Red (52%)

Green (67%)

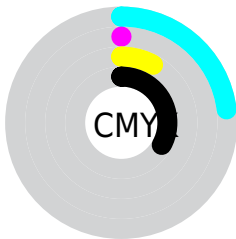
Blue (62%)



Red (52%)

Yellow (62%)

Blue (67%)

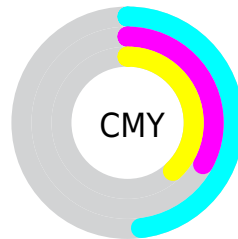


Cyan (23%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85AC9E 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 85AC9E by changing the saturation by 10% instead.



85AC9E



85AC9E

FFFFFF



6B9184



BBE3D5



52786B



D7FFF1



3A5F53



F3FFFF



23473C



0C3026



001C11



000000



85AC9E



85AC9E



74AC98



96ACA4

63AC92

A7ACAA

51AC8B

B9ACB1

40AC85

CAACB7

2FAC7F

DBACBD

1EAC79

ECACC3

0DAC73

FDACC9

00AC6E

FFACCF

FFACD6

Harmonies

Analogous

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



94AA90



85AC9E



7DACAD

Triad

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



85AC9E



A0A2BF



BF9C8E

Complementary

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



85AC9E



AC8593

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.



C39A9A



85AC9E



B29DB7

Square

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



85AC9E



8DA7C0



BF9AA9



B4A187

Rectangle

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



85AC9E



7DABB6



BF9AA9



C19B91

Sweetspot

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



85AC9E



D1E0DB



93AC85



67706D



F0F0F0



707070

Same Dimension

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



85AC9E



A4E0CB



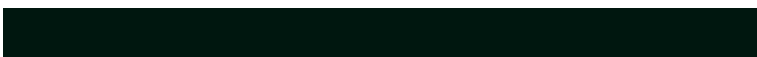
85A7AC



4E5754



009660



00170F

Inverse Universe

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



AC8593



E0A4BA



AC8A85



574E51



960036



170008

Previews

White Background



This preview shows how the Hex color 85AC9E looks on a white background.

Color Contrast Check

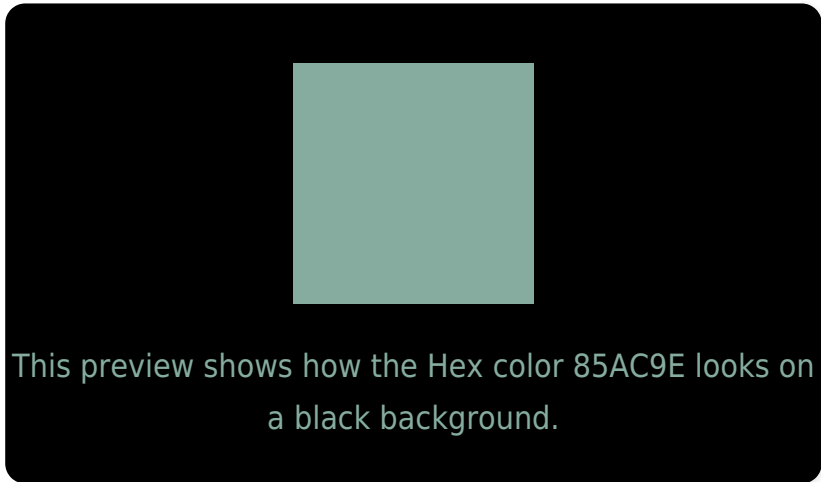
Large Text (above 18pt) WCAG AA × Fail

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

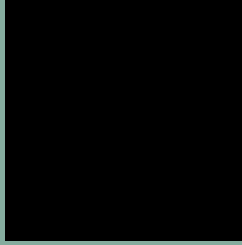
Any Text WCAG AA ✓ Pass

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 85AC9E Background



This preview shows how black text looks on a background with the Hex color 85AC9E.

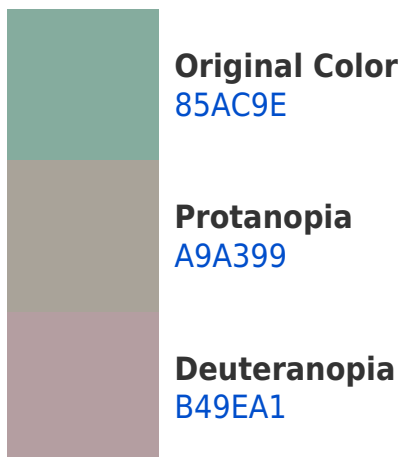


This preview shows how white text looks on a background with the Hex color 85AC9E.

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](#).

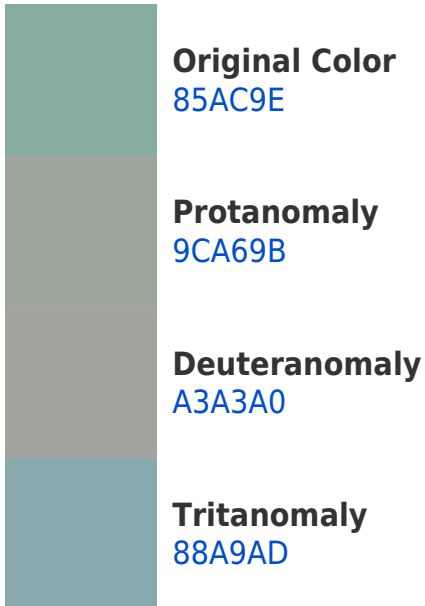
Dichromacy



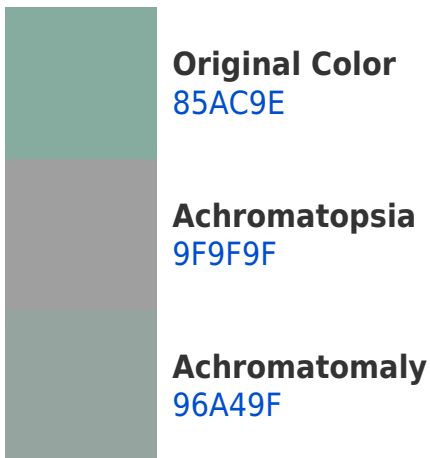


Tritanopia
8AA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85AC9E 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 #85AC9E looks like.

```
.text, #text, p{  
    color:#85AC9E  
}
```

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 #85AC9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AC9E
}
```

Border

The CSS property to change the border of an element to Hex 85AC9E 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
#85AC9E }
```

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

```
.border{ border-color:#85AC9E }
```

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

Here you see how a box with a 4 pixel #85AC9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AC9E; -webkit-box-shadow:4px 4px  
4px 4px #85AC9E; box-shadow:4px 4px 4px  
4px #85AC9E }
```

Background

The CSS property to change the background color of an element to Hex 85AC9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AC9E }
```

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

```
.background{ background-color:#85AC9E }
```

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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