

# Converting Colors

Hex(85A1AC)

Have a look what the booklet for  
Hex(85A1AC) contains.

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# **Color**

**Hex(85A1AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85A1AC
RGB	133, 161, 172
RGB Percent	52%, 63%, 67%
CMY	0.4784, 0.3686, 0.3255
CMYK	0.23, 0.06, 0.00, 0.33
HSL	197°, 19%, 60%
HSV	197°, 23%, 67%
XYZ	29.8641, 33.4548, 43.9131
YIQ	153.8820, -20.2190, -2.5150

# Conversions

## Conversions Part 2

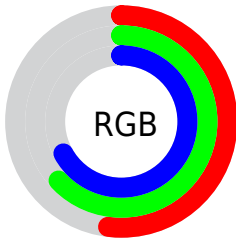
Format	Color
R <sub>Y</sub> B	133, 149, 172
Decimal	8757676
CIE Lab	64.53, -7.18, -8.93
CIE LCh	65, 11.457, 231.172
Yxy	33.4548, 0.2785, 0.3120
Android (android.graphics.Color)	4286947756 (0xFF85A1AC)
YUV	153.8820, 8.9322, -18.3135
Hunter-Lab	57.8402, -9.0569, -4.5258

# Details

The Hex color **85A1AC** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC9085**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BBD8E3**, and **526D78** is the 20% darker color. If you saturate the color by 10%, you get **749CAC**, and if you desaturate by 10%, it is **96A6AC**.

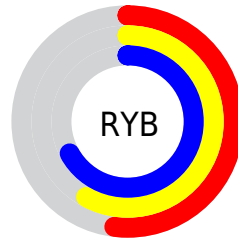
# Distribution



Red (52%)

Green (63%)

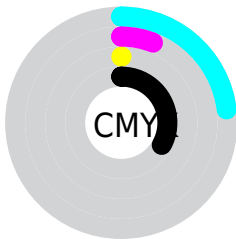
Blue (67%)



Red (52%)

Yellow (58%)

Blue (67%)

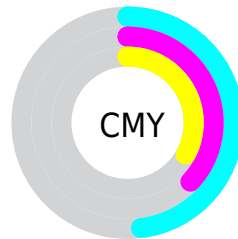


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (37%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85A1AC 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 85A1AC by changing the saturation by 10% instead.





85A1AC



85A1AC

FFFFFF



6B8791



BBD8E3



526D78



D7F4FF



3B555F



F3FFFF



233E47



0C2831



00141C



000000



85A1AC



85A1AC



749CAC



96A6AC

6397AC

A7ABAC

5192AC

B9B0AC

408EAC

CAB4AC

2F89AC

DBB9AC

1E84AC

ECBEAC

0D7FAC

FDC3AC

007BAC

FFC8AC

FFCDAC

# Harmonies

## Analogous

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



83A2A3



85A1AC



8E9EB0

# Triad

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



85A1AC



B096A0



9D9E89

# Complementary

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



85A1AC



AC9085

# 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.



A89B88



85A1AC



B39696

# Square

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



85A1AC



A798A9



B0988D



91A18F

# Rectangle

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



85A1AC



969CB0



B0988D



A19D88

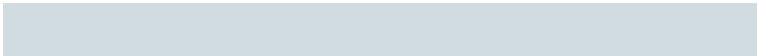


# Sweetspot

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



85A1AC



D1DCE0



85AC8F



676E70



F0F0F0



707070



# Same Dimension

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



85A1AC



A4CFE0



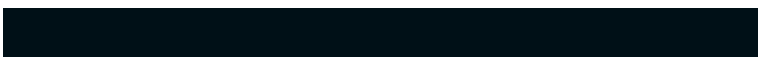
858EAC



4E5457



006C96



001017



# Inverse Universe

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



AC85A1



E0A4CF



ACA385



574E54



96006C



170010



# Previews

## White Background



This preview shows how the Hex color 85A1AC looks on a white background.

## Color Contrast Check

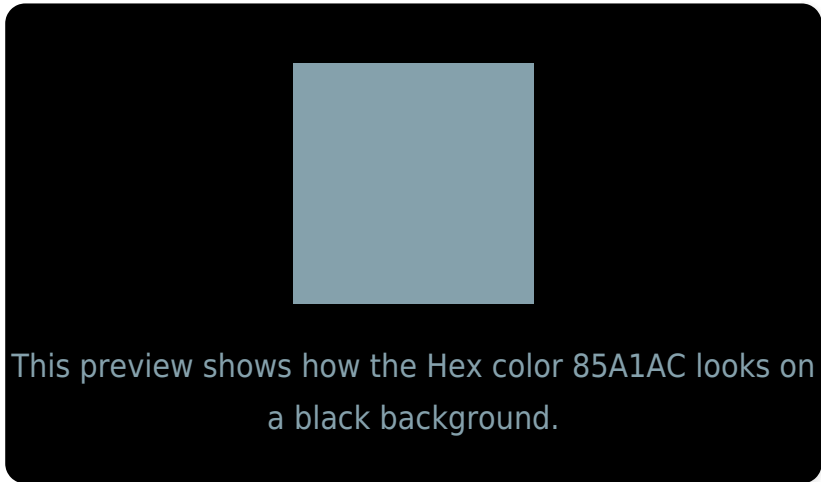
Large Text (above 18pt) WCAG AA × Fail

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

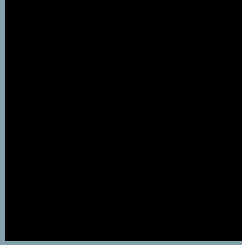
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

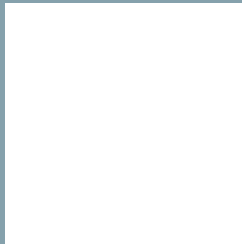
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85A1AC Background



This preview shows how black text looks on a background with the Hex color 85A1AC.

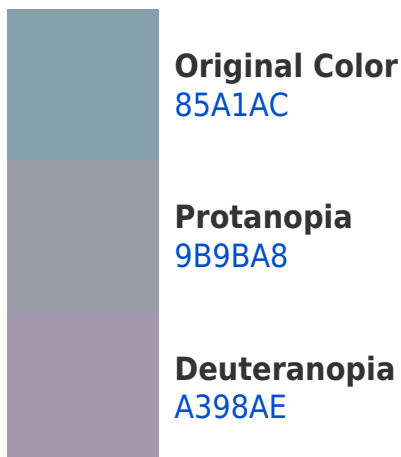


This preview shows how white text looks on a background with the Hex color 85A1AC.

# 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](#).

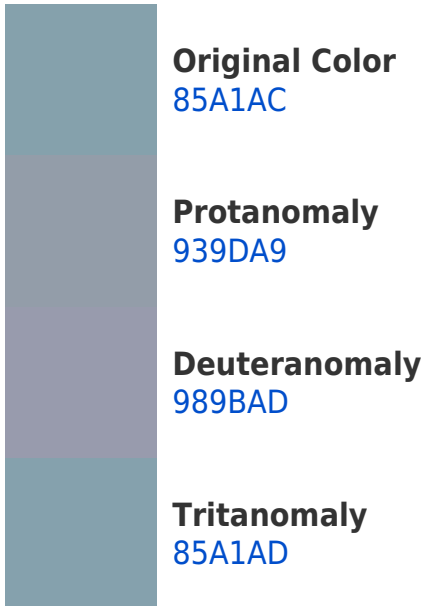
## Dichromacy



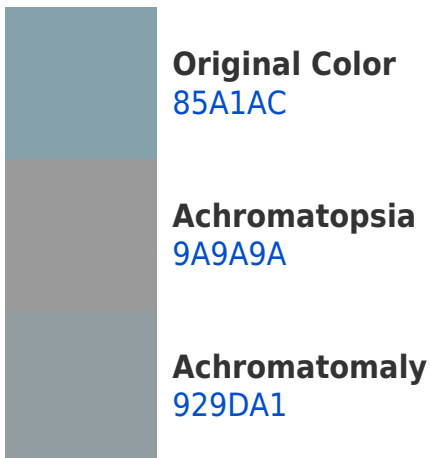


**Tritanopia**  
85A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85A1AC 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 #85A1AC looks like.

```
.text, #text, p{  
    color:#85A1AC  
}
```

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 #85A1AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A1AC
}
```

## Border

The CSS property to change the border of an element to Hex 85A1AC 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
#85A1AC }
```

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

```
.border{ border-color:#85A1AC }
```

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

Here you see how a box with a 4 pixel #85A1AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A1AC; -webkit-box-shadow:4px 4px  
4px 4px #85A1AC; box-shadow:4px 4px 4px  
4px #85A1AC }
```

# Background

The CSS property to change the background color of an element to Hex 85A1AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A1AC }
```

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

```
.background{ background-color:#85A1AC }
```

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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