

# Converting Colors

Hex(84ABAB)

Have a look what the booklet for  
Hex(84ABAB) contains.

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# **Color**

**Hex(84ABAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84ABAB
RGB	132, 171, 171
RGB Percent	52%, 67%, 67%
CMY	0.4824, 0.3294, 0.3294
CMYK	0.23, 0.00, 0.00, 0.33
HSL	180°, 19%, 59%
HSV	180°, 23%, 67%
XYZ	31.4293, 36.9716, 44.0078
YIQ	159.3390, -23.2440, -8.2680

# Conversions

## Conversions Part 2

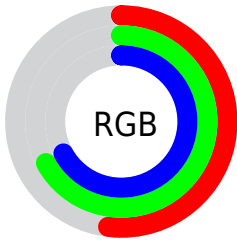
Format	Color
<b>RYB</b>	132, 152, 171
Decimal	8694699
CIELab	67.26, -13.11, -4.33
CIELCh	67, 13.802, 198.275
Yxy	36.9716, 0.2796, 0.3289
Android (android.graphics.Color)	4286884779 (0xFF84ABAB)
YUV	159.3390, 5.7489, -23.9763
Hunter-Lab	60.8043, -14.1421, -0.3488

# Details

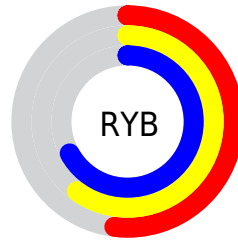
The Hex color **84ABAB** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB8484**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BAE2E2**, and **517777** is the 20% darker color. If you saturate the color by 10%, you get **73ABAB**, and if you desaturate by 10%, it is **95ABAB**.

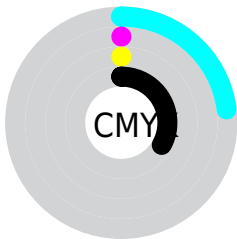
# Distribution



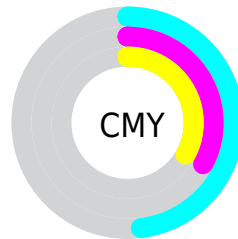
- Red (52%)
- Green (67%)
- Blue (67%)



- Red (52%)
- Yellow (60%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (33%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84ABAB 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 84ABAB by changing the saturation by 10% instead.





84ABAB



84ABAB

FFFFFF



6A9091



BAE2E2



517777



D6FFFF



395E5E



F3FFFF



214647



083030



001B1B



000000



84ABAB



84ABAB



73ABAB



95ABAB

 62ABAB

 A6ABAB

 51ABAB

 B7ABAB

 40ABAB

 C8ABAB

 2FABAB

 DAABAB

 1DABAB

 EBABAB

 0CABAB

 FCABAB

 00ABAB

 FFABAB

# Harmonies

## Analogous

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



8BAB9E



84ABAB



86A9B6

# Triad

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



84ABAB



AF9EB4



B3A18C

# Complementary

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



84ABAB



AB8484

# 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.



BB9E92



84ABAB



BA9CA9

# Square

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



84ABAB



A0A2BB



BE9B9C



A6A58C

# Rectangle

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



84ABAB



8CA7BA



BE9B9C



B6A08D



# Sweetspot

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



84ABAB



CEDEDE



84AB84



677070



F0F0F0



707070



# Same Dimension

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



84ABAB



A2DEDE



8497AB



4E5757



009696



001717



# Inverse Universe

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



AB84AB



DEA2DE



AB9784



574E57



960096



170017



# Previews

## White Background



This preview shows how the Hex color 84ABAB looks on a white background.

## Color Contrast Check

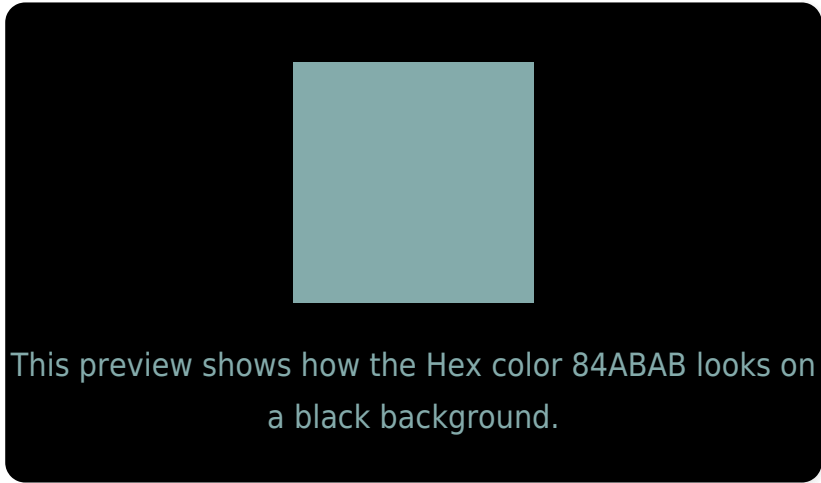
Large Text (above 18pt) WCAG AA × Fail

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

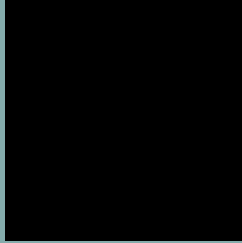
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84ABAB Background



This preview shows how black text looks on a background with the Hex color 84ABAB.

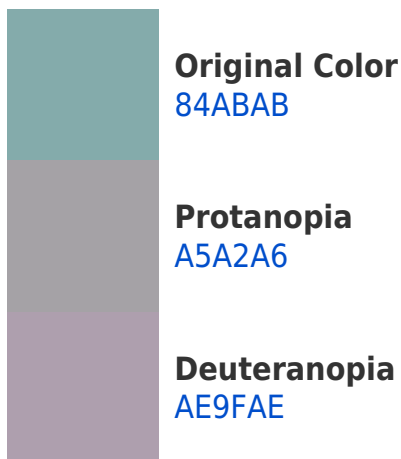


This preview shows how white text looks on a background with the Hex color 84ABAB.

# 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](#).

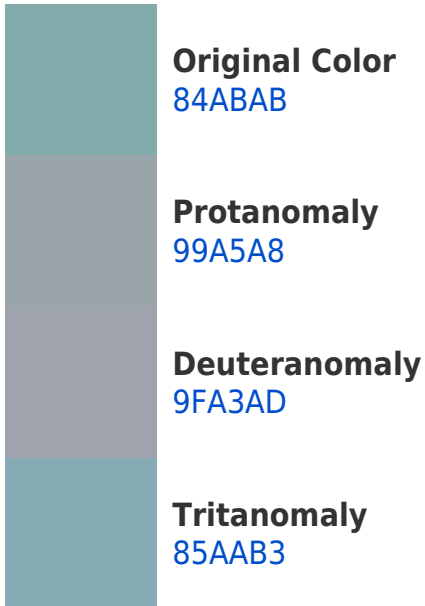
## Dichromacy



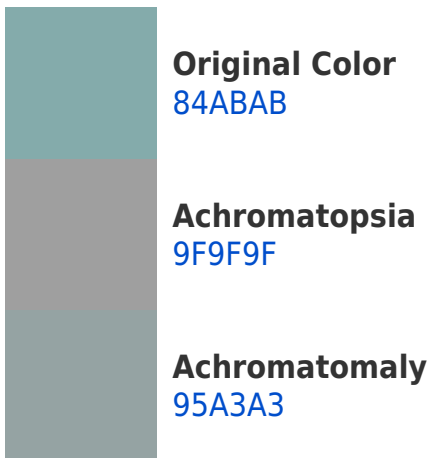


**Tritanopia**  
86A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84ABAB 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 #84ABAB looks like.

```
.text, #text, p{  
    color:#84ABAB  
}
```

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 #84ABAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84ABAB
}
```

## Border

The CSS property to change the border of an element to Hex 84ABAB 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
#84ABAB }
```

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

```
.border{ border-color:#84ABAB }
```

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

Here you see how a box with a 4 pixel #84ABAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84ABAB; -webkit-box-shadow:4px 4px  
4px 4px #84ABAB; box-shadow:4px 4px 4px  
4px #84ABAB }
```

# Background

The CSS property to change the background color of an element to Hex 84ABAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84ABAB }
```

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

```
.background{ background-color:#84ABAB }
```

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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