

# Converting Colors

Hex(84ABB1)

Have a look what the booklet for  
Hex(84ABB1) contains.

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# **Color**

**Hex(84ABB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84ABB1
RGB	132, 171, 177
RGB Percent	52%, 67%, 69%
CMY	0.4824, 0.3294, 0.3059
CMYK	0.25, 0.03, 0.00, 0.31
HSL	188°, 22%, 61%
HSV	188°, 25%, 69%
XYZ	32.0144, 37.2057, 47.0890
YIQ	160.0230, -25.1700, -6.4020

# Conversions

## Conversions Part 2

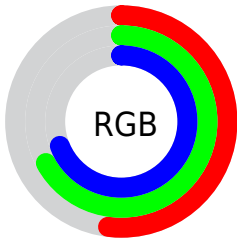
Format	Color
<a href="#">RYB</a>	<a href="#">132, 153, 177</a>
Decimal	<a href="#">8694705</a>
CIELab	<a href="#">67.43, -11.73, -7.40</a>
CIElCh	<a href="#">67, 13.868, 212.246</a>
Yxy	<a href="#">37.2057, 0.2753, 0.3199</a>
Android (android.graphics.Color)	<a href="#">4286884785 (0xFF84ABB1)</a>
YUV	<a href="#">160.0230, 8.3697, -24.5762</a>
Hunter-Lab	<a href="#">60.9965, -13.0568, -3.0741</a>

# Details

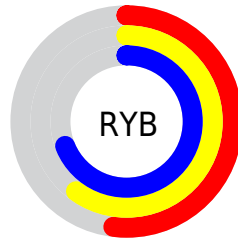
The Hex color **84ABB1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B18A84**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BAE2E9**, and **51777C** is the 20% darker color. If you saturate the color by 10%, you get **72A9B1**, and if you desaturate by 10%, it is **96ADB1**.

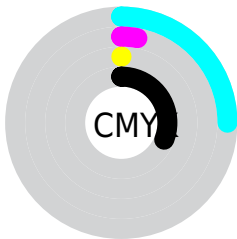
# Distribution



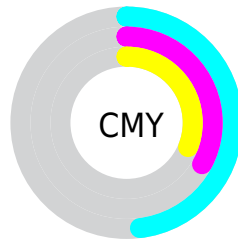
- Red (52%)
- Green (67%)
- Blue (69%)



- Red (52%)
- Yellow (60%)
- Blue (69%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (48%)
- Magenta (33%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84ABB1 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 84ABB1 by changing the saturation by 10% instead.



 84ABB1

 84ABB1

FFFFFF

 6A9096

 BAE2E9

 51777C

 D6FFFF

 385E64

 F3FFFF

 20464C

 063035

 001B20

 000007

 000000

 84ABB1

 84ABB1

72A9B1

96ADB1

61A6B1

A7B0B1

4FA4B1

B9B2B1

3DA2B1

CBB4B1

2C9FB1

DDB7B1

1A9DB1

EEB9B1

089AB1

FFBCB1

0099B1

FFBEB1

FFC0B1

# Harmonies

## Analogous

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



87ACA5



84ABB1



8AA9BA

# Triad

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



84ABB1



B69DB0



ADA48B

# Complementary

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



84ABB1



B18A84

# 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.



B9A08E



84ABB1



BE9CA4

# Square

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



84ABB1



A8A1B9



BE9D97



9FA88F

# Rectangle

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



84ABB1



93A6BD



BE9D97



B2A28C



# Sweetspot

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



84ABB1



D3E3E6



84B18A



677173



F2F2F2



737373



# Same Dimension

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



84ABB1



9EDCE6



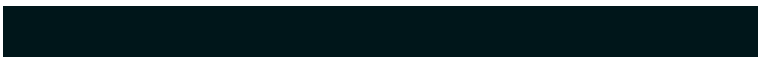
8495B1



505859



008599



00161A



# Inverse Universe

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



B184AB



E69EDC



B1A184



595058



990085



1A0016



# Previews

## White Background



This preview shows how the Hex color 84ABB1 looks on a white background.

## Color Contrast Check

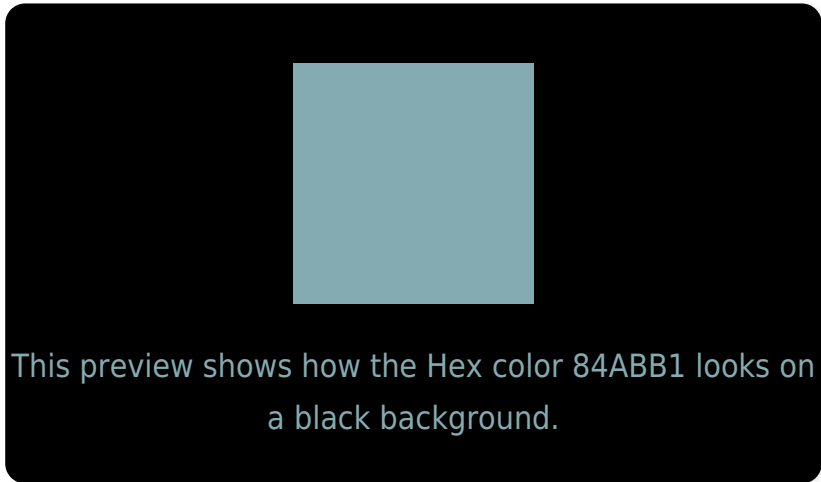
Large Text (above 18pt) WCAG AA × Fail

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

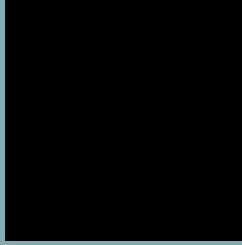
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

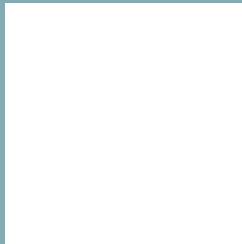
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84ABB1 Background



This preview shows how black text looks on a background with the Hex color 84ABB1.

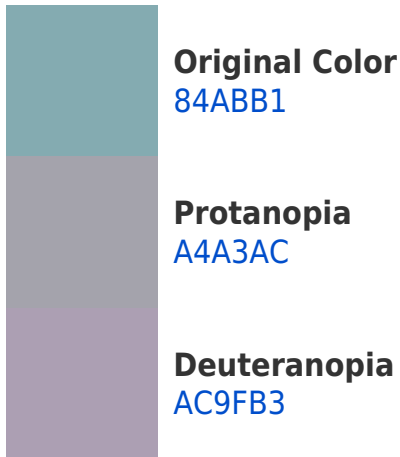


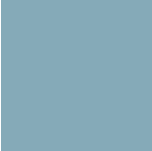
This preview shows how white text looks on a background with the Hex color 84ABB1.

# 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](#).

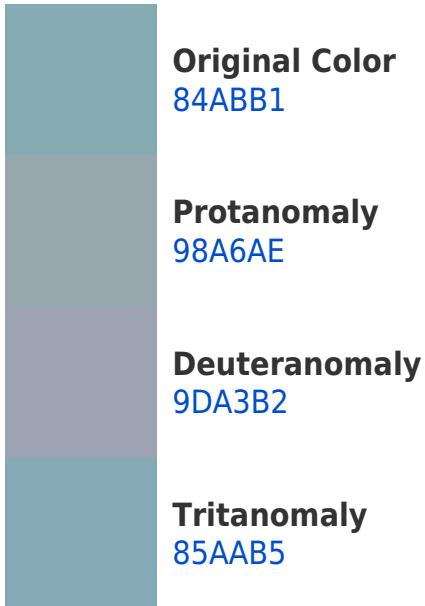
## Dichromacy



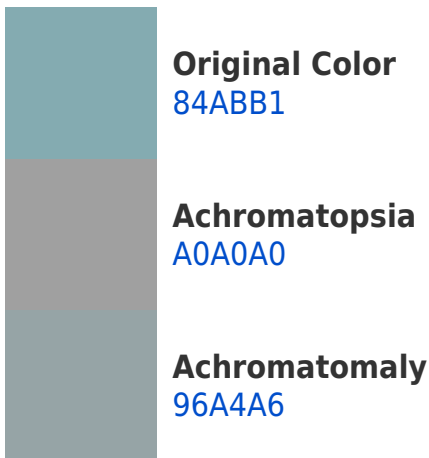


**Tritanopia**  
85AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84ABB1 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 #84ABB1 looks like.

```
.text, #text, p{  
    color:#84ABB1  
}
```

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 #84ABB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84ABB1  
}
```

## Border

The CSS property to change the border of an element to Hex 84ABB1 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  
#84ABB1 }
```

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

```
.border{ border-color:#84ABB1 }
```

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

Here you see how a box with a 4 pixel #84ABB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84ABB1; -webkit-box-shadow:4px 4px  
4px 4px #84ABB1; box-shadow:4px 4px 4px  
4px #84ABB1 }
```

# Background

The CSS property to change the background color of an element to Hex 84ABB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84ABB1 }
```

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

```
.background{ background-color:#84ABB1 }
```

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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