

# Converting Colors

Hex(84B6A9)

Have a look what the booklet for  
Hex(84B6A9) contains.

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# **Color**

**Hex(84B6A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84B6A9
RGB	132, 182, 169
RGB Percent	52%, 71%, 66%
CMY	0.4824, 0.2863, 0.3373
CMYK	0.27, 0.00, 0.07, 0.29
HSL	164°, 26%, 62%
HSV	164°, 27%, 71%
XYZ	33.4051, 41.2260, 43.7329
YIQ	165.5680, -25.6270, -14.6430

# Conversions

## Conversions Part 2

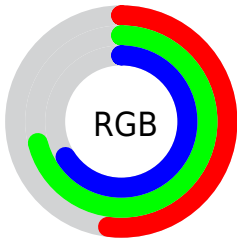
Format	Color
<a href="#">RYB</a>	<a href="#">132, 161, 182</a>
Decimal	<a href="#">8697513</a>
CIELab	<a href="#">70.33, -19.28, 1.29</a>
CIELCh	<a href="#">70, 19.318, 176.177</a>
Yxy	<a href="#">41.2260, 0.2822, 0.3483</a>
Android (android.graphics.Color)	<a href="#">4286887593 (0xFF84B6A9)</a>
YUV	<a href="#">165.5680, 1.6920, -29.4391</a>
Hunter-Lab	<a href="#">64.2075, -19.4952, 4.5617</a>

# Details

The Hex color **84B6A9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B68491**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BAEEE0**, and **518175** is the 20% darker color. If you saturate the color by 10%, you get **72B6A4**, and if you desaturate by 10%, it is **96B6AE**.

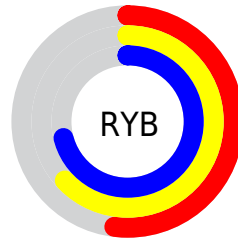
# Distribution



Red (52%)

Green (71%)

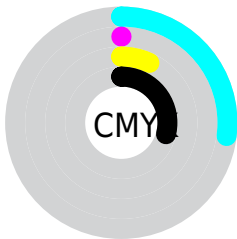
Blue (66%)



Red (52%)

Yellow (63%)

Blue (71%)

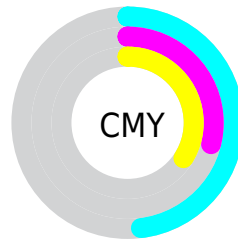


Cyan (27%)

Magenta (0%)

Yellow (7%)

Black (29%)



Cyan (48%)

Magenta (29%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84B6A9 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 84B6A9 by changing the saturation by 10% instead.





84B6A9



84B6A9

FFFFFF



6A9B8F



BAEEE0



518175



D6FFFD



38685C



F3FFFF



1F4F45



03382F



00231A



000200



000000



84B6A9



84B6A9

 72B6A4

 96B6AE

 60B6A0

 A8B6B2

 4DB69B

 BBB6B7

 3BB696

 CDB6BC

 29B691

 DFB6C1

 17B68D

 F1B6C5

 05B688

 FFB6CA

 00B687

 FFB6CF

 FFB6D4

# Harmonies

## Analogous

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



95B498



84B6A9



7CB6BB

# Triad

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



84B6A9



ACA8CB



CAA48F

# Complementary

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



84B6A9



B68491

# 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.



D1A09D



84B6A9



C1A3C0

# Square

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



84B6A9



95AECF



CEA0AF



BCAA89

# Rectangle

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



84B6A9



7FB4C5



CEA0AF



CDA393



# Sweetspot

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



84B6A9



DAEDE8



91B684



6C7875



F7F7F7



787878



# Same Dimension

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



84B6A9



9FEDD9



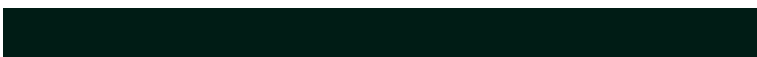
84AAB6



535C59



009C73



001C15



# Inverse Universe

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



B68491



ED9FB3



B69084



5C5355



9C0028



1C0007



# Previews

## White Background



This preview shows how the Hex color 84B6A9 looks on a white background.

## Color Contrast Check

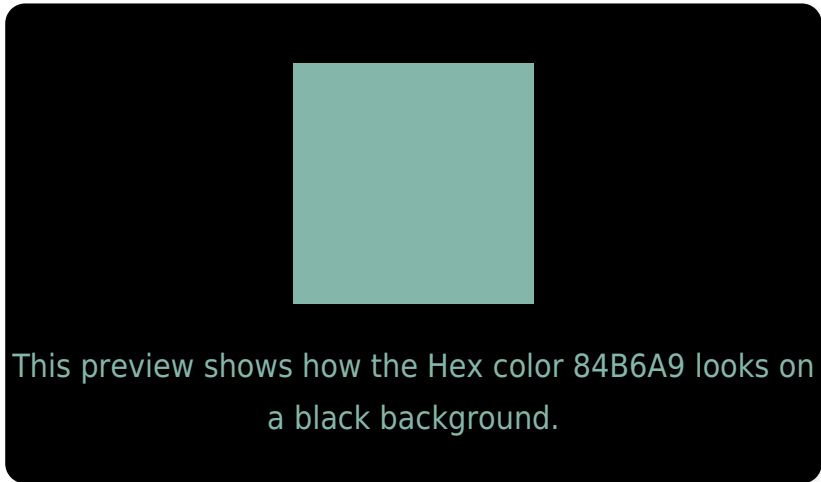
Large Text (above 18pt) WCAG AA × Fail

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

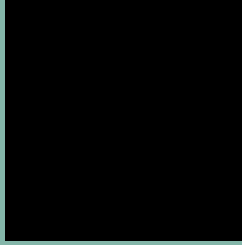
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84B6A9 Background



This preview shows how black text looks on a background with the Hex color 84B6A9.



This preview shows how white text looks on a background with the Hex color 84B6A9.

# 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](#).

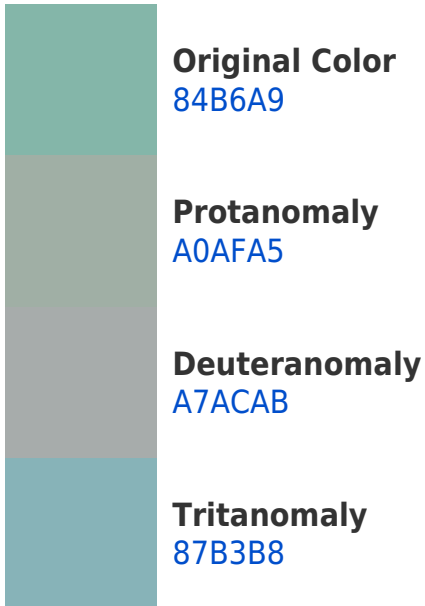
## Dichromacy



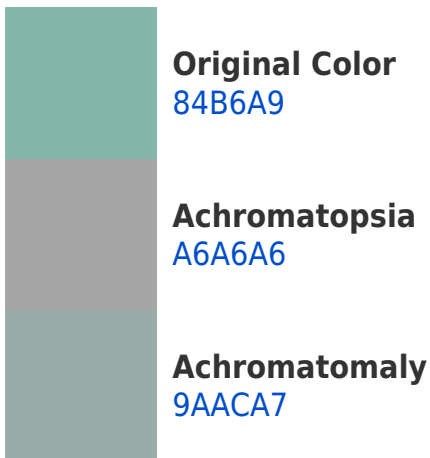


**Tritanopia**  
89B2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84B6A9 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 #84B6A9 looks like.

```
.text, #text, p{  
    color:#84B6A9  
}
```

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 #84B6A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84B6A9
}
```

## Border

The CSS property to change the border of an element to Hex 84B6A9 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
#84B6A9 }
```

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

```
.border{ border-color:#84B6A9 }
```

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

Here you see how a box with a 4 pixel #84B6A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84B6A9; -webkit-box-shadow:4px 4px  
4px 4px #84B6A9; box-shadow:4px 4px 4px  
4px #84B6A9 }
```

# Background

The CSS property to change the background color of an element to Hex 84B6A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84B6A9 }
```

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

```
.background{ background-color:#84B6A9 }
```

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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