

# Converting Colors

Hex(84ACA4)

Have a look what the booklet for  
Hex(84ACA4) contains.

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# **Color**

**Hex(84ACA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84ACA4
RGB	132, 172, 164
RGB Percent	52%, 67%, 64%
CMY	0.4824, 0.3255, 0.3569
CMYK	0.23, 0.00, 0.05, 0.33
HSL	168°, 19%, 60%
HSV	168°, 23%, 67%
XYZ	30.9691, 37.0909, 40.6490
YIQ	159.1280, -21.2720, -10.9680

# Conversions

## Conversions Part 2

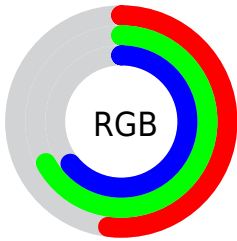
Format	Color
<a href="#">RYB</a>	<a href="#">132, 154, 172</a>
Decimal	<a href="#">8694948</a>
CIELab	<a href="#">67.35, -15.19, -0.31</a>
CIElCh	<a href="#">67, 15.190, 181.175</a>
Yxy	<a href="#">37.0909, 0.2849, 0.3412</a>
Android (android.graphics.Color)	<a href="#">4286885028 (0xFF84ACA4)</a>
YUV	<a href="#">159.1280, 2.4019, -23.7913</a>
Hunter-Lab	<a href="#">60.9023, -15.8110, 3.0588</a>

# Details

The Hex color **84ACA4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC848C**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BAE3DB**, and **517870** is the 20% darker color. If you saturate the color by 10%, you get **73ACA1**, and if you desaturate by 10%, it is **95ACA7**.

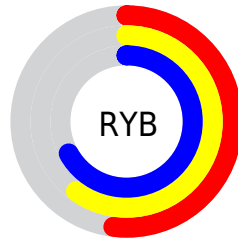
# Distribution



Red (52%)

Green (67%)

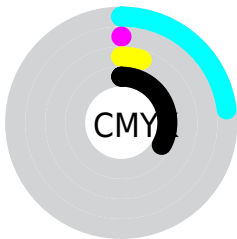
Blue (64%)



Red (52%)

Yellow (60%)

Blue (67%)

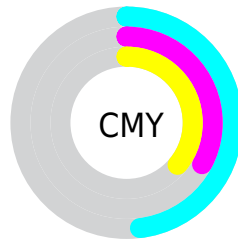


Cyan (23%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84ACA4 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 84ACA4 by changing the saturation by 10% instead.





84ACA4



84ACA4

FFFFFF



6A918A



BAE3DB



517870



D6FFF7



395F58



F2FFFF



224741



09302B



001C16



000000



84ACA4



84ACA4



73ACA1



95ACA7

 62AC9D

 A6ACAB

 50AC9A

 B8ACAE

 3FAC96

 C9ACB2

 2EAC93

 DAACB5

 1DAC8F

 EBACB9

 0CAC8C

 FCACBC

 00AC8A

 FFACC0

 FFACC3

# Harmonies

## Analogous

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



90AB96



84ACA4



80ABB2

# Triad

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



84ACA4



A7A0BB



BA9F8C

# Complementary

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



84ACA4



AC848C

# 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.



C19B96



84ACA4



B69CB1

# Square

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



84ACA4



96A5BF



BF9BA4



AEA389

# Rectangle

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



84ACA4



83AAB9



BF9BA4



BD9D8F



# Sweetspot

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



84ACA4



D1E0DD



8CAC84



67706E



F0F0F0



707070



# Same Dimension

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



84ACA4



A2E0D4



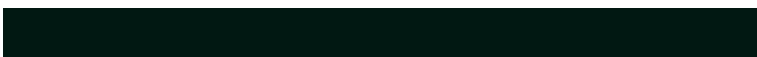
84A0AC



4E5755



009678



001712



# Inverse Universe

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



AC848C



E0A2AE



AC9084



574E50



96001E



170005



# Previews

## White Background



This preview shows how the Hex color 84ACA4 looks on a white background.

## Color Contrast Check

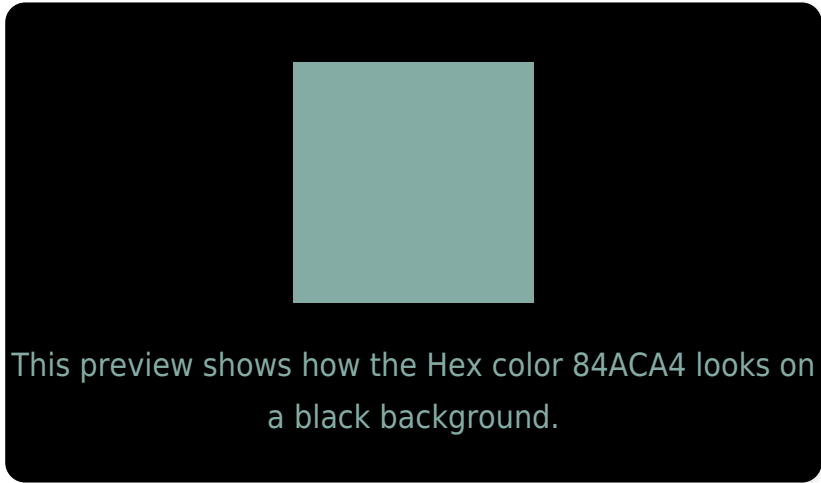
Large Text (above 18pt) WCAG AA × Fail

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

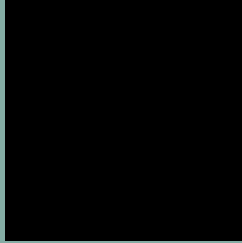
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84ACA4 Background



This preview shows how black text looks on a background with the Hex color 84ACA4.

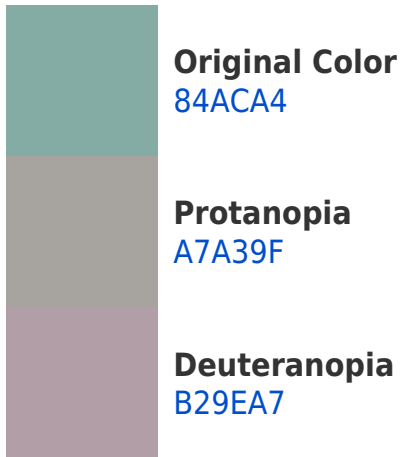


This preview shows how white text looks on a background with the Hex color 84ACA4.

# 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](#).

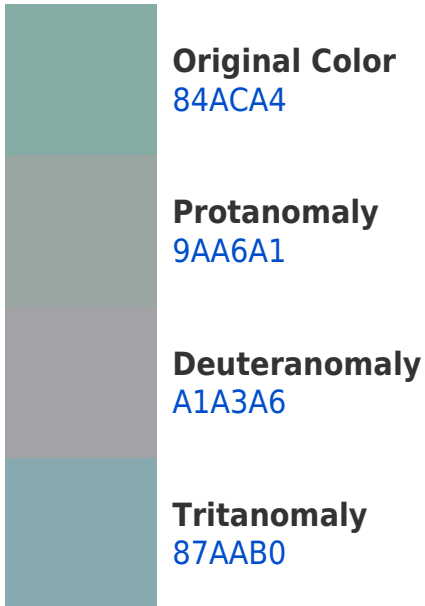
## Dichromacy



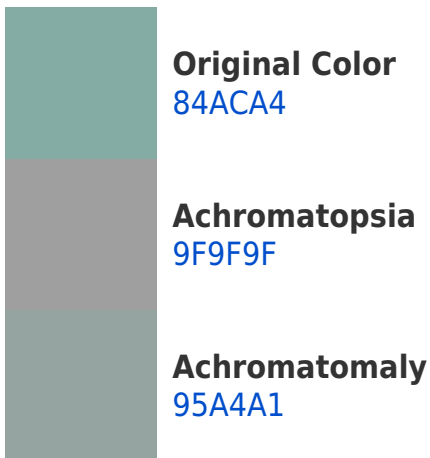


**Tritanopia**  
88A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84ACA4 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 #84ACA4 looks like.

```
.text, #text, p{  
    color:#84ACA4  
}
```

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 #84ACA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84ACA4  
}
```

## Border

The CSS property to change the border of an element to Hex 84ACA4 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  
#84ACA4 }
```

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

```
.border{ border-color:#84ACA4 }
```

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

Here you see how a box with a 4 pixel #84ACA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84ACA4; -webkit-box-shadow:4px 4px  
4px 4px #84ACA4; box-shadow:4px 4px 4px  
4px #84ACA4 }
```

# Background

The CSS property to change the background color of an element to Hex 84ACA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84ACA4 }
```

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

```
.background{ background-color:#84ACA4 }
```

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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