

# Converting Colors

Hex(84AFB4)

Have a look what the booklet for  
Hex(84AFB4) contains.

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# **Color**

**Hex(84AFB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84AFB4
RGB	132, 175, 180
RGB Percent	52%, 69%, 71%
CMY	0.4824, 0.3137, 0.2941
CMYK	0.27, 0.03, 0.00, 0.29
HSL	186°, 24%, 61%
HSV	186°, 27%, 71%
XYZ	33.0839, 38.8608, 48.9372
YIQ	162.7130, -27.2330, -7.5610

# Conversions

## Conversions Part 2

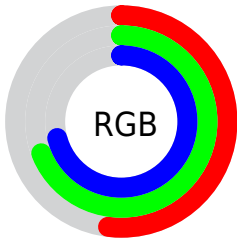
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 155, 180
Decimal	8695732
CIELab	68.65, -13.15, -7.25
CIElCh	69, 15.019, 208.866
Yxy	38.8608, 0.2737, 0.3215
Android (android.graphics.Color)	4286885812 (0xFF84AFB4)
YUV	162.7130, 8.5225, -26.9353
Hunter-Lab	62.3384, -14.3596, -2.9072

# Details

The Hex color **84AFB4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B48984**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BAE7EC**, and **517A7F** is the 20% darker color. If you saturate the color by 10%, you get **72ADB4**, and if you desaturate by 10%, it is **96B1B4**.

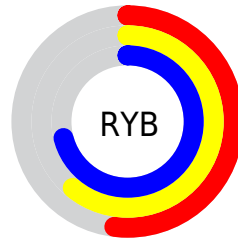
# Distribution



Red (52%)

Green (69%)

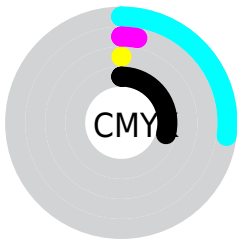
Blue (71%)



Red (52%)

Yellow (61%)

Blue (71%)

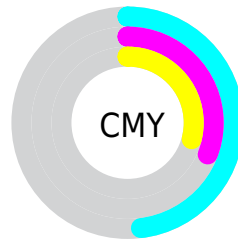


Cyan (27%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (31%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84AFB4 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 84AFB4 by changing the saturation by 10% instead.





84AFB4



84AFB4

FFFFFF



6A9499



BAE7EC



517A7F



D6FFFF



386266



F3FFFF



1F4A4E



033338



001E22



00000C



000000



84AFB4



84AFB4

72ADB4

96B1B4

60ABB4

A8B3B4

4EA9B4

BAB5B4

3CA7B4

CCB7B4

2AA6B4

DEB8B4

18A4B4

F0BAB4

06A2B4

FFBCB4

00A1B4

FFBEB4

FFC0B4

# Harmonies

## Analogous

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



88AFA6



84AFB4



8AADBE

# Triad

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



84AFB4



B9A0B6



B3A68C

# Complementary

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



84AFB4



B48984

# 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.



BEA291



84AFB4



C29EA8

# Square

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



84AFB4



A9A4BF



C49F9B



A4AB90

# Rectangle

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



84AFB4



93AAC2



C49F9B



B7A58D



# Sweetspot

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



84AFB4



D8E9EB



84B489



6A7475



F5F5F5



757575



# Same Dimension

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



84AFB4



A0E3EB



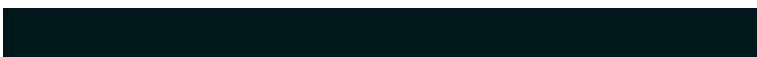
8497B4



505859



008999



00171A



# Inverse Universe

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



B484AF



EBA0E3



B4A184



595058



990089

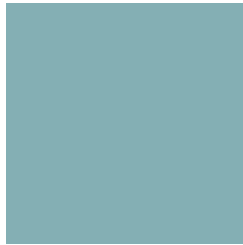


1A0017



# Previews

## White Background



This preview shows how the Hex color 84AFB4 looks on a white background.

## Color Contrast Check

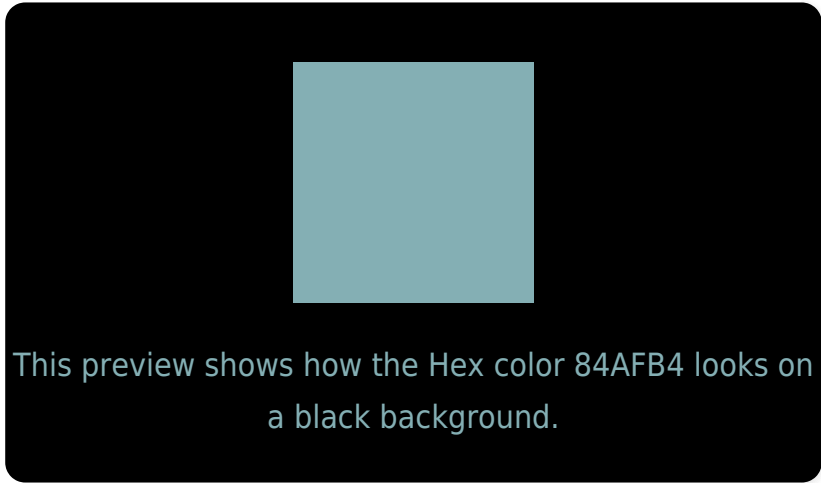
Large Text (above 18pt) WCAG AA × Fail

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

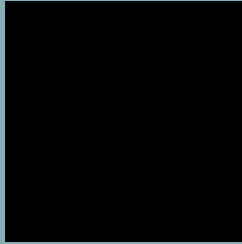
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 84AFB4 Background



This preview shows how black text looks on a background with the Hex color 84AFB4.



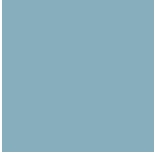
This preview shows how white text looks on a background with the Hex color 84AFB4.

# 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](#).

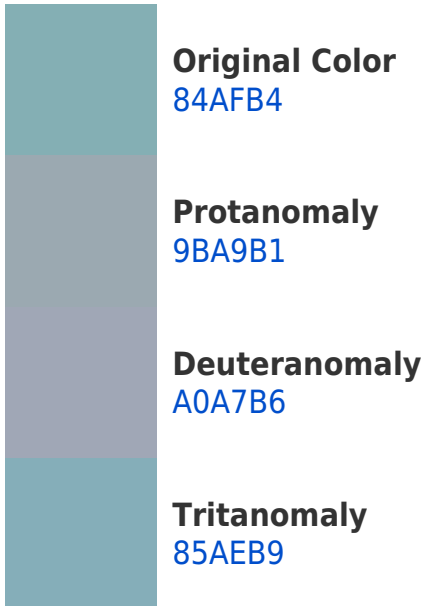
## Dichromacy



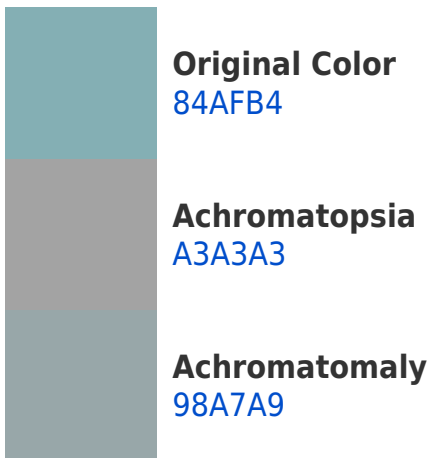


**Tritanopia**  
86AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84AFB4 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 #84AFB4 looks like.

```
.text, #text, p{  
    color:#84AFB4  
}
```

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 #84AFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AFB4
}
```

## Border

The CSS property to change the border of an element to Hex 84AFB4 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
#84AFB4 }
```

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

```
.border{ border-color:#84AFB4 }
```

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

Here you see how a box with a 4 pixel #84AFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AFB4; -webkit-box-shadow:4px 4px  
4px 4px #84AFB4; box-shadow:4px 4px 4px  
4px #84AFB4 }
```

# Background

The CSS property to change the background color of an element to Hex 84AFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AFB4 }
```

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

```
.background{ background-color:#84AFB4 }
```

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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