

# Converting Colors

Hex(84AFB5)

Have a look what the booklet for  
Hex(84AFB5) contains.

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# **Color**

**Hex(84AFB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84AFB5
RGB	132, 175, 181
RGB Percent	52%, 69%, 71%
CMY	0.4824, 0.3137, 0.2902
CMYK	0.27, 0.03, 0.00, 0.29
HSL	187°, 25%, 61%
HSV	187°, 27%, 71%
XYZ	33.1862, 38.9017, 49.4757
YIQ	162.8270, -27.5540, -7.2500

# Conversions

## Conversions Part 2

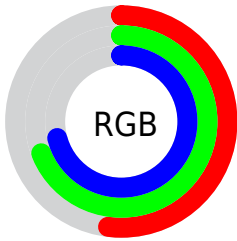
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 155, 181
Decimal	8695733
CIE <sub>Lab</sub>	68.68, -12.92, -7.76
CIE <sub>LCh</sub>	69, 15.070, 210.990
Yxy	38.9017, 0.2730, 0.3200
Android (android.graphics.Color)	4286885813 (0xFF84AFB5)
YUV	162.8270, 8.9593, -27.0353
Hunter-Lab	62.3712, -14.1742, -3.3717

# Details

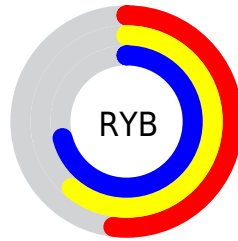
The Hex color **84AFB5** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B58A84**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BAE7ED**, and **517A80** is the 20% darker color. If you saturate the color by 10%, you get **72ADB5**, and if you desaturate by 10%, it is **96B1B5**.

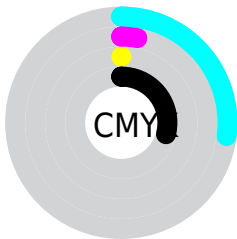
# Distribution



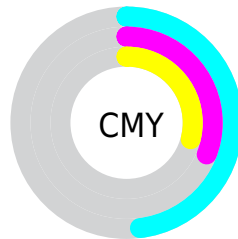
- Red (52%)
- Green (69%)
- Blue (71%)



- 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 84AFB5 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 84AFB5 by changing the saturation by 10% instead.




 84AFB5

 84AFB5

FFFFFF

 6A949A

 BAE7ED

 517A80

 D6FFFF

 386267

 F3FFFF

 1F4A4F

 033338

 001E23

 00010D

 000000

 84AFB5

 84AFB5

72ADB5

96B1B5

60ABB5

A8B3B5

4EA8B5

BAB6B5

3CA6B5

CCB8B5

2AA4B5

DFBAB5

17A2B5

F1BCB5

059FB5

FFBFB5

009FB5

FFC1B5

FFC3B5

# Harmonies

## Analogous

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



88B0A7



84AFB5



8AADB5

# Triad

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



84AFB5



BAA0B5



B2A78C

# Complementary

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



84AFB5



B58A84

# 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.



BEA290



84AFB5



C39EA8

# Square

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



84AFB5



ABA4BF



C49F9A



A3AB90

# Rectangle

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



84AFB5



94AAC2



C49F9A



B6A58D



# Sweetspot

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



84AFB5



D8E8EB



84B58A



6A7475



F5F5F5



757575



# Same Dimension

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



84AFB5



A0E1EB



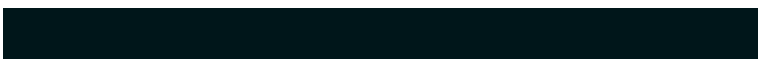
8497B5



505859



008699



00161A



# Inverse Universe

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



B584AF



EBA0E1



B5A284



595058



990086



1A0016



# Previews

## White Background



This preview shows how the Hex color 84AFB5 looks on a white background.

## Color Contrast Check

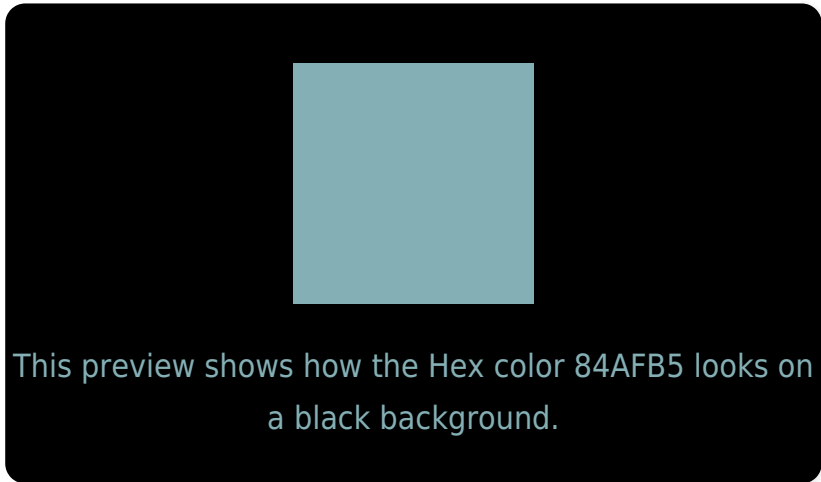
Large Text (above 18pt) WCAG AA × Fail

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

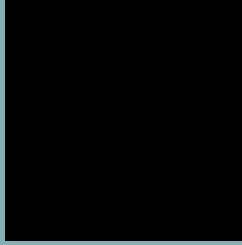
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

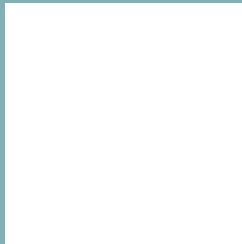
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84AFB5 Background



This preview shows how black text looks on a background with the Hex color 84AFB5.

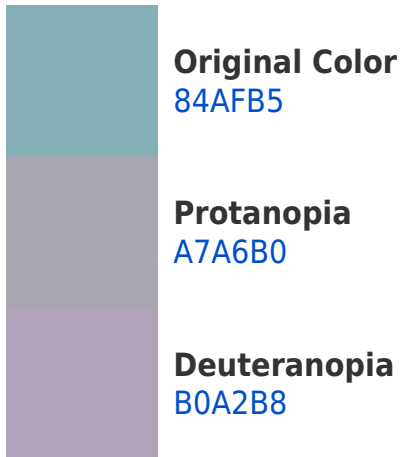


This preview shows how white text looks on a background with the Hex color 84AFB5.

# 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](#).

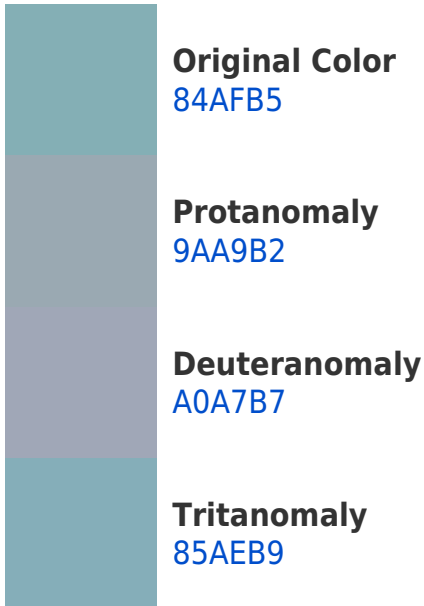
## Dichromacy



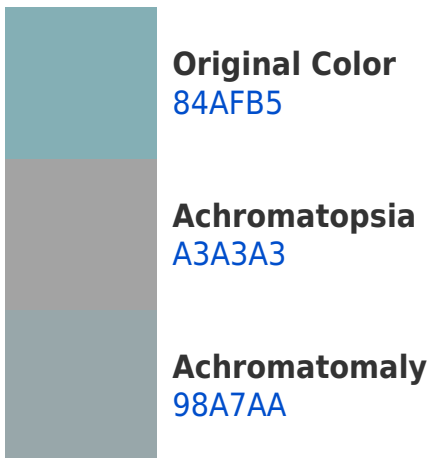


**Tritanopia**  
86AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84AFB5 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 #84AFB5 looks like.

```
.text, #text, p{  
    color:#84AFB5  
}
```

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 #84AFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84AFB5
}
```

## Border

The CSS property to change the border of an element to Hex 84AFB5 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
#84AFB5 }
```

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

```
.border{ border-color:#84AFB5 }
```

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

Here you see how a box with a 4 pixel #84AFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84AFB5; -webkit-box-shadow:4px 4px  
4px 4px #84AFB5; box-shadow:4px 4px 4px  
4px #84AFB5 }
```

# Background

The CSS property to change the background color of an element to Hex 84AFB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84AFB5 }
```

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

```
.background{ background-color:#84AFB5 }
```

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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