

# Converting Colors

Hex(8BA5B4)

Have a look what the booklet for  
Hex(8BA5B4) contains.

<b>Hex(8BA5B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8BA5B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BA5B4
RGB	139, 165, 180
RGB Percent	55%, 65%, 71%
CMY	0.4549, 0.3529, 0.2941
CMYK	0.23, 0.08, 0.00, 0.29
HSL	202°, 21%, 63%
HSV	202°, 23%, 71%
XYZ	32.3408, 35.6945, 48.3652
YIQ	158.9360, -20.3110, -0.8470

# Conversions

## Conversions Part 2

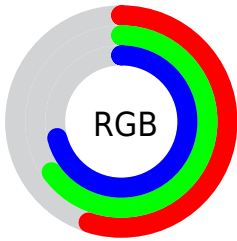
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 155, 180
Decimal	9151924
CIE Lab	66.29, -5.61, -10.73
CIE LCh	66, 12.108, 242.374
Yxy	35.6945, 0.2778, 0.3067
Android (android.graphics.Color)	4287342004 (0xFF8BA5B4)
YUV	158.9360, 10.3846, -17.4839
Hunter-Lab	59.7449, -7.9288, -6.1755

# Details

The Hex color **8BA5B4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B49A8B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C1DCEC**, and **58717F** is the 20% darker color. If you saturate the color by 10%, you get **799EB4**, and if you desaturate by 10%, it is **9DACB4**.

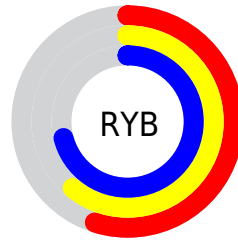
# Distribution



Red (55%)

Green (65%)

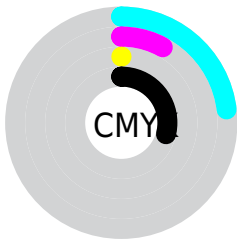
Blue (71%)



Red (55%)

Yellow (61%)

Blue (71%)

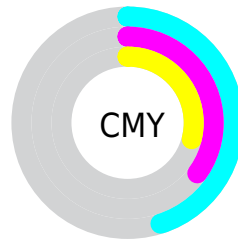


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (45%)

Magenta (35%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BA5B4 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 8BA5B4 by changing the saturation by 10% instead.





8BA5B4



8BA5B4

FFFFFF



718B99



C1DCEC



58717F



DDF8FF



405966



FAFFFF



28414E



112B37



001722



00000B



000000



8BA5B4



8BA5B4

799EB4

9DACB4

6798B4

AFB2B4

5591B4

C1B9B4

438BB4

D3BFB4

3184B4

E5C6B4

1F7DB4

F7CDB4

0D77B4

FFD3B4

0072B4

FFDAB4

FFE0B4

# Harmonies

## Analogous

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



86A7AC



8BA5B4



97A2B7

# Triad

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



8BA5B4



B79AA1



9DA48F

# Complementary

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



8BA5B4



B49A8B

# 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.



A9A18C



8BA5B4



B89B96

# Square

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



8BA5B4



B09BAB



B39D8E



91A797

# Rectangle

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



8BA5B4



A09FB5



B39D8E



A1A38D

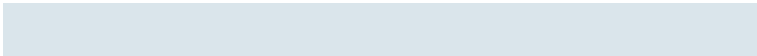


# Sweetspot

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



8BA5B4



DAE5EB



8BB499



6C7275



F5F5F5



757575



# Same Dimension

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



8BA5B4



ABD3EB



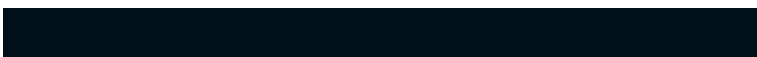
8B91B4



505659



006199



00101A



# Inverse Universe

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



B48BA5



EBABD3



B4AE8B



595056



990061



1A0010



# Previews

## White Background



This preview shows how the Hex color 8BA5B4 looks on a white background.

## Color Contrast Check

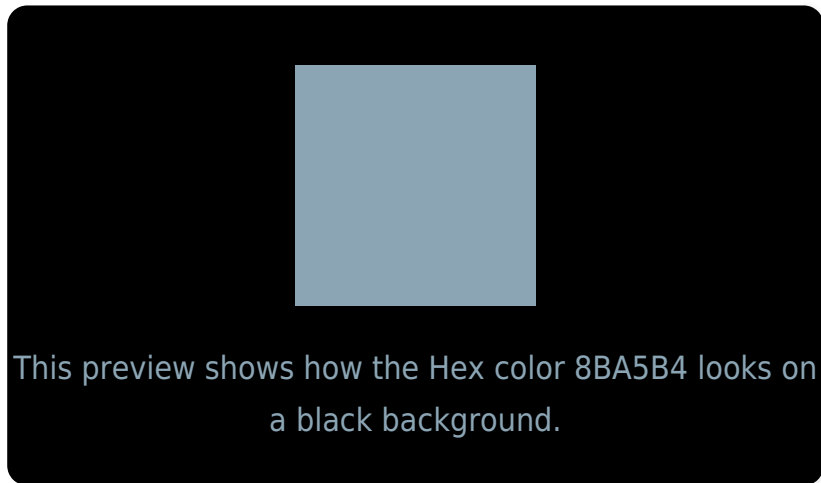
Large Text (above 18pt) WCAG AA × Fail

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

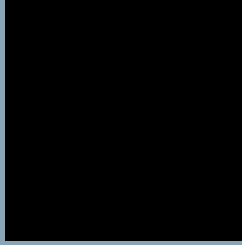
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

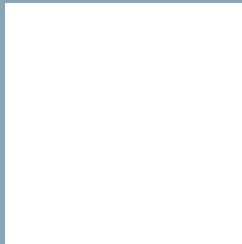
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BA5B4 Background



This preview shows how black text looks on a background with the Hex color 8BA5B4.

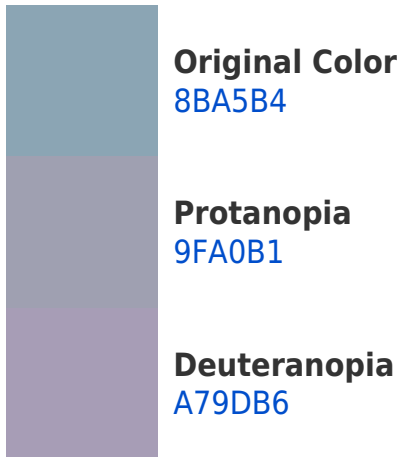


This preview shows how white text looks on a background with the Hex color 8BA5B4.

# 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](#).

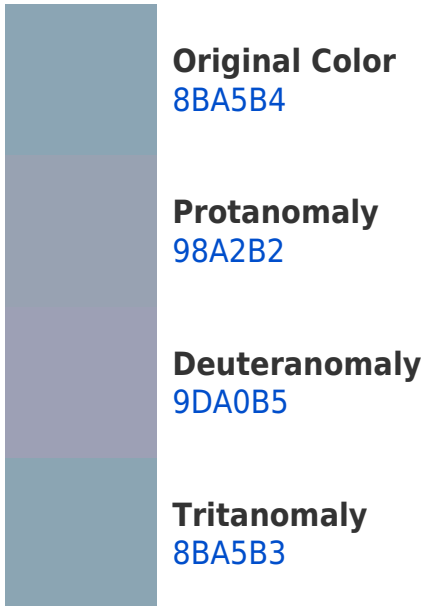
## Dichromacy



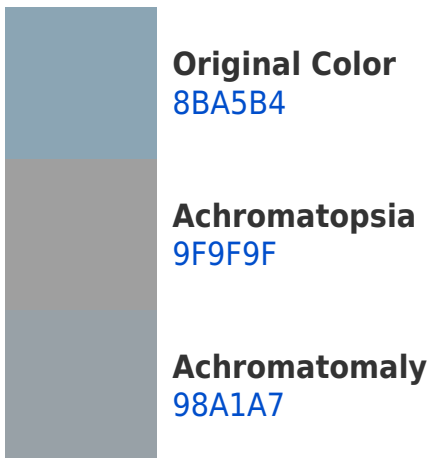


**Tritanopia**  
8BA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BA5B4 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 #8BA5B4 looks like.

```
.text, #text, p{  
    color:#8BA5B4  
}
```

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 #8BA5B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BA5B4
}
```

## Border

The CSS property to change the border of an element to Hex 8BA5B4 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
#8BA5B4 }
```

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

```
.border{ border-color:#8BA5B4 }
```

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

Here you see how a box with a 4 pixel #8BA5B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BA5B4; -webkit-box-shadow:4px 4px  
4px 4px #8BA5B4; box-shadow:4px 4px 4px  
4px #8BA5B4 }
```

# Background

The CSS property to change the background color of an element to Hex 8BA5B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BA5B4 }
```

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

```
.background{ background-color:#8BA5B4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor