

# Converting Colors

Hex(8AB9A5)

Have a look what the booklet for  
Hex(8AB9A5) contains.

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# **Color**

**Hex(8AB9A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AB9A5
RGB	138, 185, 165
RGB Percent	54%, 73%, 65%
CMY	0.4588, 0.2745, 0.3529
CMYK	0.25, 0.00, 0.11, 0.27
HSL	154°, 25%, 63%
HSV	154°, 25%, 73%
XYZ	34.6217, 42.8178, 42.0372
YIQ	168.6670, -21.5920, -16.1840

# Conversions

## Conversions Part 2

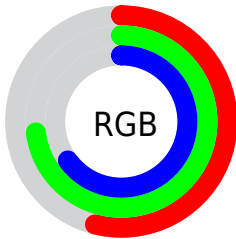
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 168, 185
Decimal	9091493
CIE <sub>Lab</sub>	71.43, -19.77, 5.11
CIE <sub>LCh</sub>	71, 20.422, 165.503
Yxy	42.8178, 0.2898, 0.3584
Android (android.graphics.Color)	4287281573 (0xFF8AB9A5)
YUV	168.6670, -1.8078, -26.8950
Hunter-Lab	65.4353, -20.0677, 7.7154

# Details

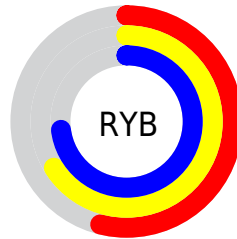
The Hex color **8AB9A5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B98A9E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C0F1DC**, and **578471** is the 20% darker color. If you saturate the color by 10%, you get **78B99D**, and if you desaturate by 10%, it is **9DB9AD**.

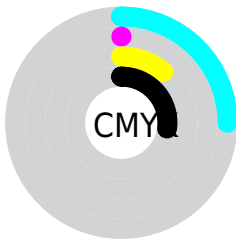
# Distribution



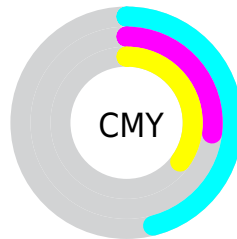
- Red (54%)
- Green (73%)
- Blue (65%)



- Red (54%)
- Yellow (66%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (46%)
- Magenta (27%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AB9A5 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 8AB9A5 by changing the saturation by 10% instead.





8AB9A5



8AB9A5

FFFFFF



709E8B



C0F1DC



578471



DCFFF8



3E6A59



F9FFFF



265241



0D3B2B



002517



000A00



000000



8AB9A5



8AB9A5

 78B99D

 9DB9AD

 65B995

 AFB9B5

 52B98D

 C2B9BD

 40B986

 D4B9C4

 2EB97E

 E6B9CC

 1BB976

 F9B9D4

 08B96E

 FFB9DC

 00B96A

 FFB9E4

 FFB9EC

# Harmonies

## Analogous

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



9EB694



8AB9A5



7DBAB8

# Triad

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



8AB9A5



A6ADD3



D2A595

# Complementary

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



8AB9A5



B98A9E

# 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.



D6A2A6



8AB9A5



BEA7C9

# Square

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



8AB9A5



8EB3D2



CFA3B9



C6AB8B

# Rectangle

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



8AB9A5



7CB9C4



CFA3B9



D4A49A



# Sweetspot

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



8AB9A5



DDF0E8



9EB98A



6C7873



F7F7F7



787878



# Same Dimension

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



8AB9A5



A8F0D1



8AB6B9



535C58



009C59



001C10



# Inverse Universe

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



B98A9E



F0A8C6



B98D8A



5C5357



9C0042

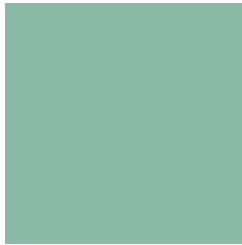


1C000C



# Previews

## White Background



This preview shows how the Hex color 8AB9A5 looks on a white background.

## Color Contrast Check

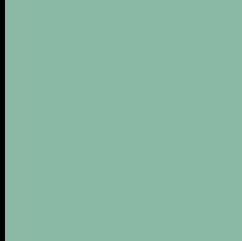
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8AB9A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

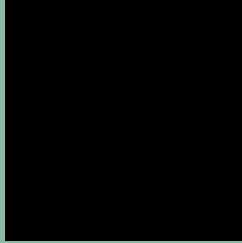
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AB9A5 Background



This preview shows how black text looks on a background with the Hex color 8AB9A5.

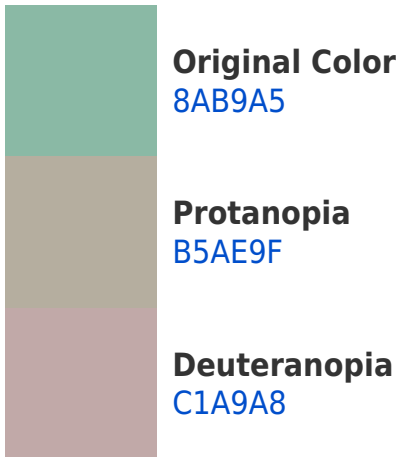


This preview shows how white text looks on a background with the Hex color 8AB9A5.

# 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](#).

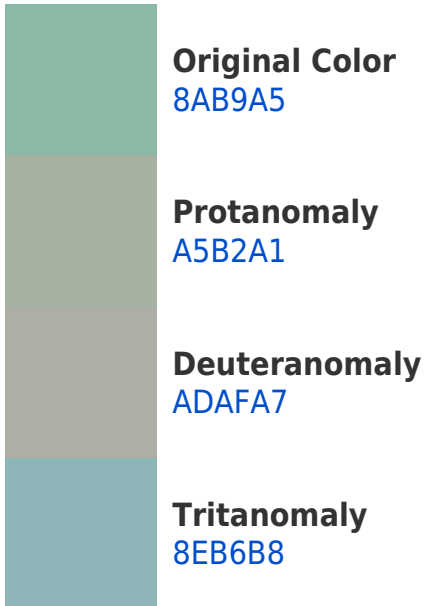
## Dichromacy



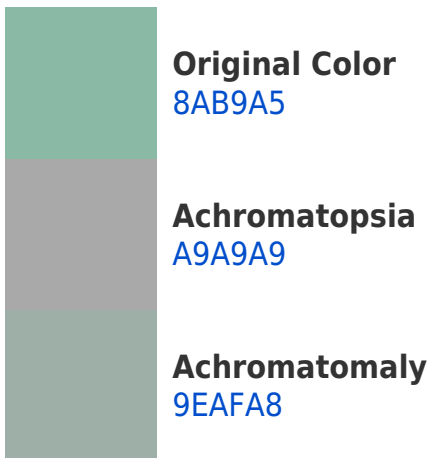


**Tritanopia**  
90B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AB9A5 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 #8AB9A5 looks like.

```
.text, #text, p{  
    color:#8AB9A5  
}
```

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 #8AB9A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AB9A5
}
```

## Border

The CSS property to change the border of an element to Hex 8AB9A5 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
#8AB9A5 }
```

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

```
.border{ border-color:#8AB9A5 }
```

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

Here you see how a box with a 4 pixel #8AB9A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AB9A5; -webkit-box-shadow:4px 4px  
4px 4px #8AB9A5; box-shadow:4px 4px 4px  
4px #8AB9A5 }
```

# Background

The CSS property to change the background color of an element to Hex 8AB9A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AB9A5 }
```

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

```
.background{ background-color:#8AB9A5 }
```

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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