

# Converting Colors

Hex(82B3A3)

Have a look what the booklet for  
Hex(82B3A3) contains.

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# **Color**

**Hex(82B3A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B3A3
RGB	130, 179, 163
RGB Percent	51%, 70%, 64%
CMY	0.4902, 0.2980, 0.3608
CMYK	0.27, 0.00, 0.09, 0.30
HSL	160°, 24%, 61%
HSV	160°, 27%, 70%
XYZ	31.9369, 39.6304, 40.6165
YIQ	162.5250, -24.0680, -15.3640

# Conversions

## Conversions Part 2

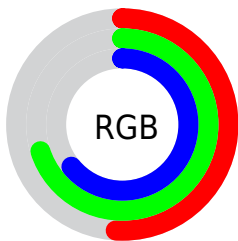
Format	Color
<a href="#">RYB</a>	<a href="#">130, 159, 179</a>
Decimal	<a href="#">8565667</a>
CIELab	<a href="#">69.21, -19.66, 2.93</a>
CIElCh	<a href="#">69, 19.876, 171.511</a>
Yxy	<a href="#">39.6304, 0.2847, 0.3533</a>
Android (android.graphics.Color)	<a href="#">4286755747</a> (0xFF82B3A3)
YUV	<a href="#">162.5250, 0.2342, -28.5244</a>
Hunter-Lab	<a href="#">62.9527, -19.6113, 5.8135</a>

# Details

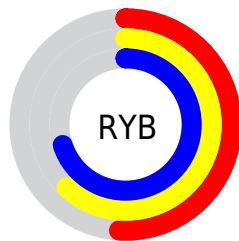
The Hex color **82B3A3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B38292**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B8EBDA**, and **4F7E6F** is the 20% darker color. If you saturate the color by 10%, you get **70B39D**, and if you desaturate by 10%, it is **94B3A9**.

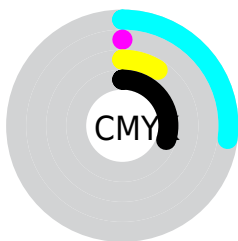
# Distribution



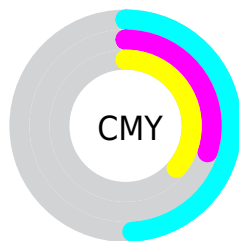
- Red (51%)
- Green (70%)
- Blue (64%)



- Red (51%)
- Yellow (62%)
- Blue (70%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82B3A3 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 82B3A3 by changing the saturation by 10% instead.





82B3A3



82B3A3

FFFFFF



689889



B8EBDA



4F7E6F



D4FFF6



366557



F1FFFF



1E4D40



02362A



002115



000000



82B3A3



82B3A3



70B39D



94B3A9

■ 5EB397

■ A6B3AF

■ 4CB391

■ B8B3B5

■ 3AB38C

■ CAB3BA

■ 29B386

■ DBB3C0

■ 17B380

■ EDB3C6

■ 05B37A

■ FFB3CC

■ 00B379

■ FFB3D2

■ FFB3D8

# Harmonies

## Analogous

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



94B092



82B3A3



78B3B5

# Triad

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



82B3A3



A5A6CA



C9A08D

# Complementary

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



82B3A3



B38292

# 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.



CF9D9D



82B3A3



BBA0C0

# Square

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



82B3A3



8EACCC



CA9DAF



BCA686

# Rectangle

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



82B3A3



79B2C0



CA9DAF



CC9F92



# Sweetspot

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



82B3A3



D5E8E2



92B382



6A7571



F5F5F5



757575



# Same Dimension

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



82B3A3



9BE8CF



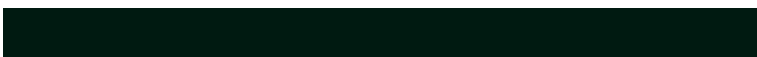
82ABB3



505956



009967



001A11



# Inverse Universe

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



B38292



E89BB4



B38A82



595053



990032



1A0008



# Previews

## White Background



This preview shows how the Hex color 82B3A3 looks on a white background.

## Color Contrast Check

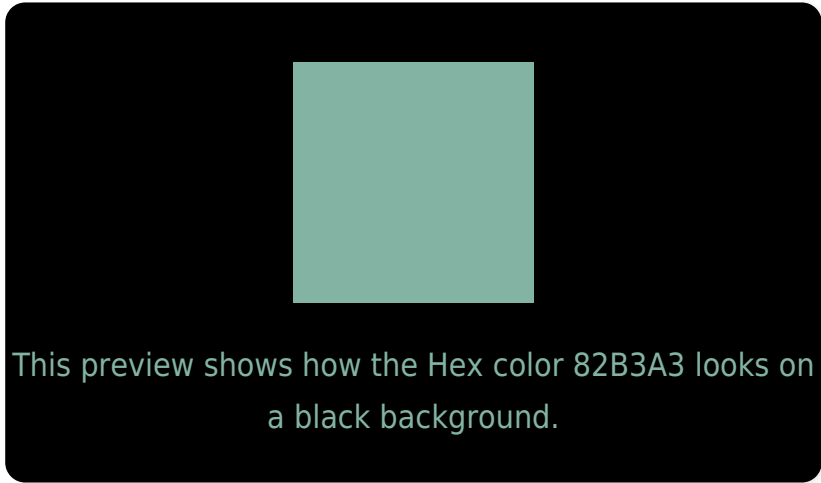
Large Text (above 18pt) WCAG AA × Fail

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

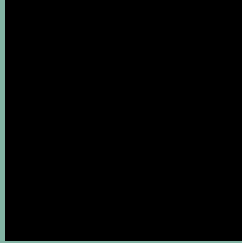
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82B3A3 Background



This preview shows how black text looks on a background with the Hex color 82B3A3.

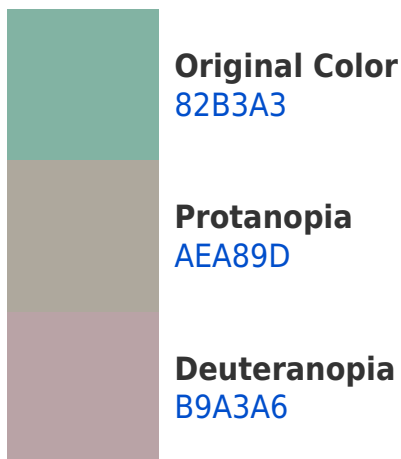


This preview shows how white text looks on a background with the Hex color 82B3A3.

# 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**  
87AFBD

# Trichromacy



**Original Color**  
82B3A3

**Protanomaly**  
9EAC9F

**Deuteranomaly**  
A5A9A5

**Tritanomaly**  
85B0B4

# Monochromacy



**Original Color**  
82B3A3

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
97A9A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82B3A3 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 #82B3A3 looks like.

```
.text, #text, p{  
    color:#82B3A3  
}
```

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 #82B3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B3A3
}
```

## Border

The CSS property to change the border of an element to Hex 82B3A3 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
#82B3A3 }
```

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

```
.border{ border-color:#82B3A3 }
```

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

Here you see how a box with a 4 pixel #82B3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B3A3; -webkit-box-shadow:4px 4px  
4px 4px #82B3A3; box-shadow:4px 4px 4px  
4px #82B3A3 }
```

# Background

The CSS property to change the background color of an element to Hex 82B3A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B3A3 }
```

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

```
.background{ background-color:#82B3A3 }
```

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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