

# Converting Colors

Hex(85B0A1)

Have a look what the booklet for  
Hex(85B0A1) contains.

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# **Color**

**Hex(85B0A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85B0A1
RGB	133, 176, 161
RGB Percent	52%, 69%, 63%
CMY	0.4784, 0.3098, 0.3686
CMYK	0.24, 0.00, 0.09, 0.31
HSL	159°, 21%, 61%
HSV	159°, 24%, 69%
XYZ	31.6312, 38.6104, 39.5036
YIQ	161.4330, -20.8130, -13.7810

# Conversions

## Conversions Part 2

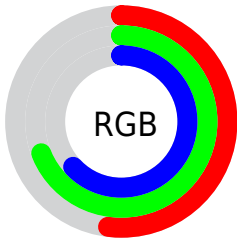
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 159, 176</a>
Decimal	<a href="#">8761505</a>
CIELab	<a href="#">68.47, -17.59, 2.99</a>
CIElCh	<a href="#">68, 17.845, 170.354</a>
Yxy	<a href="#">38.6104, 0.2882, 0.3518</a>
Android (android.graphics.Color)	<a href="#">4286951585 (0xFF85B0A1)</a>
YUV	<a href="#">161.4330, -0.2135, -24.9357</a>
Hunter-Lab	<a href="#">62.1373, -17.8741, 5.8026</a>

# Details

The Hex color **85B0A1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08594**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BBE8D8**, and **527B6E** is the 20% darker color. If you saturate the color by 10%, you get **73B09B**, and if you desaturate by 10%, it is **97B0A7**.

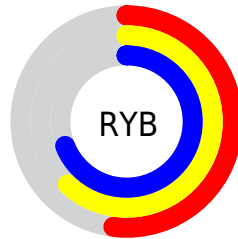
# Distribution



Red (52%)

Green (69%)

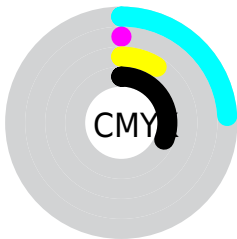
Blue (63%)



Red (52%)

Yellow (62%)

Blue (69%)

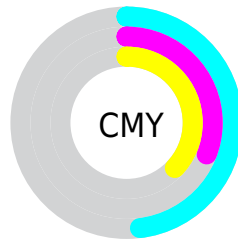


Cyan (24%)

Magenta (0%)

Yellow (9%)

Black (31%)



Cyan (48%)

Magenta (31%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85B0A1 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 85B0A1 by changing the saturation by 10% instead.





85B0A1



85B0A1

FFFFFF



6B9587



BBE8D8



527B6E



D7FFF4



3A6255



F4FFFF



224A3E



093328



001F14



000000



85B0A1



85B0A1



73B09B



97B0A7

■ 62B095

■ A8B0AD

■ 50B08F

■ BAB0B3

■ 3FB088

■ CBB0BA

■ 2DB082

■ DDB0C0

■ 1BB07C

■ EFB0C6

■ 0AB076

■ FFB0CC

■ 00B073

■ FFB0D2

■ FFB0D8

# Harmonies

## Analogous

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



95AE92



85B0A1



7CB0B2

# Triad

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



85B0A1



A3A5C5



C49F8F

# Complementary

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



85B0A1



B08594

# 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.



C99C9C



85B0A1



B79FBC

# Square

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



85B0A1



8EAAC6



C49CAD



B9A487

# Rectangle

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



85B0A1



7DAFBB



C49CAD



C79E93



# Sweetspot

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



85B0A1



D5E6E0



94B085



6A7370



F2F2F2



737373



# Same Dimension

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



85B0A1



A3E6CE



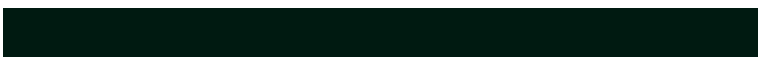
85AAB0



505956



009964



001A11



# Inverse Universe

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



B08594



E6A3BA



B08B85



595053



990035

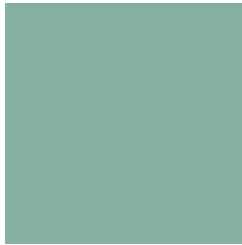


1A0009



# Previews

## White Background



This preview shows how the Hex color 85B0A1 looks on a white background.

## Color Contrast Check

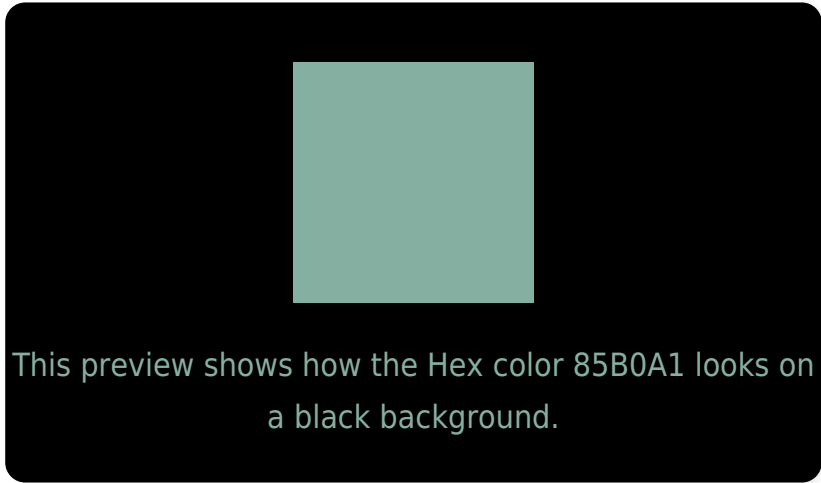
Large Text (above 18pt) WCAG AA × Fail

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

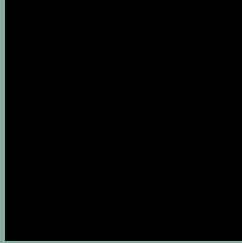
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85B0A1 Background



This preview shows how black text looks on a background with the Hex color 85B0A1.

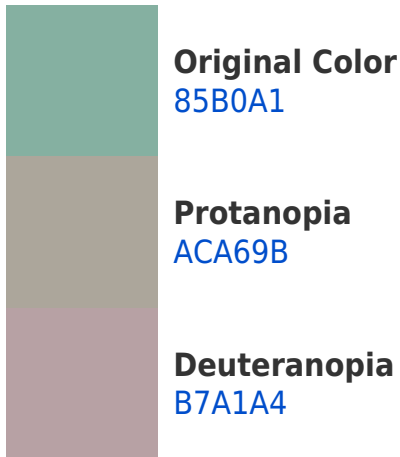


This preview shows how white text looks on a background with the Hex color 85B0A1.

# Color Blindness Simulation

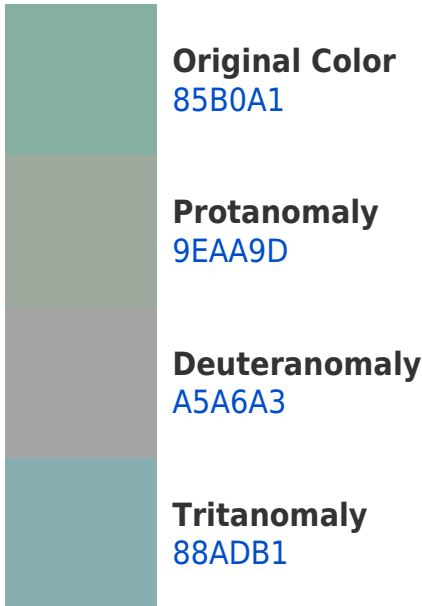
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

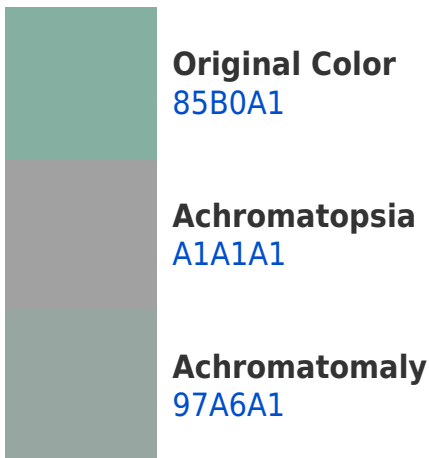




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85B0A1 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 #85B0A1 looks like.

```
.text, #text, p{  
    color:#85B0A1  
}
```

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 #85B0A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B0A1  
}
```

## Border

The CSS property to change the border of an element to Hex 85B0A1 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  
#85B0A1 }
```

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

```
.border{ border-color:#85B0A1 }
```

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

Here you see how a box with a 4 pixel #85B0A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B0A1; -webkit-box-shadow:4px 4px  
4px 4px #85B0A1; box-shadow:4px 4px 4px  
4px #85B0A1 }
```

# Background

The CSS property to change the background color of an element to Hex 85B0A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B0A1 }
```

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

```
.background{ background-color:#85B0A1 }
```

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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