

# Converting Colors

Hex(85AD91)

Have a look what the booklet for  
Hex(85AD91) contains.

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# **Color**

**Hex(85AD91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85AD91
RGB	133, 173, 145
RGB Percent	52%, 68%, 57%
CMY	0.4784, 0.3216, 0.4314
CMYK	0.23, 0.00, 0.16, 0.32
HSL	138°, 20%, 60%
HSV	138°, 23%, 68%
XYZ	29.7273, 36.9180, 32.3472
YIQ	157.8480, -14.8520, -17.1880

# Conversions

## Conversions Part 2

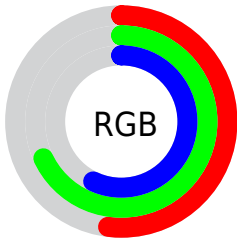
Format	Color
<a href="#">RYB</a>	<a href="#">133, 164, 173</a>
Decimal	<a href="#">8760721</a>
CIELab	<a href="#">67.22, -19.29, 10.02</a>
CIElCh	<a href="#">67, 21.739, 152.541</a>
Yxy	<a href="#">36.9180, 0.3003, 0.3729</a>
Android (android.graphics.Color)	<a href="#">4286950801 (0xFF85AD91)</a>
YUV	<a href="#">157.8480, -6.3341, -21.7917</a>
Hunter-Lab	<a href="#">60.7602, -18.9982, 10.9677</a>

# Details

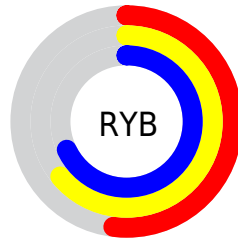
The Hex color **85AD91** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AD85A1**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BBE5C7**, and **52785F** is the 20% darker color. If you saturate the color by 10%, you get **74AD85**, and if you desaturate by 10%, it is **96AD9D**.

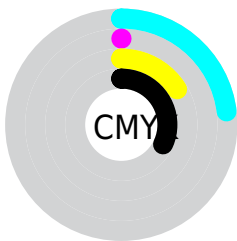
# Distribution



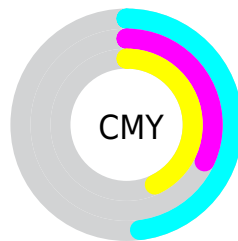
- Red (52%)
- Green (68%)
- Blue (57%)



- Red (52%)
- Yellow (64%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)



- Cyan (48%)
- Magenta (32%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85AD91 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 85AD91 by changing the saturation by 10% instead.



 85AD91

 85AD91

FFFFFF

 6B9277

 BBE5C7

 52785F

 D7FFE3

 3B6047

 F3FFFF

 234830

 0C311B

 001D01

 000000

 85AD91

 85AD91

 74AD85

 96AD9D

 62AD79

 A8ADA9

 51AD6D

 B9ADB5

 40AD61

 CAADC1

 2FAD54

 DCADCE

 1DAD48

 EDADDA

 0CAD3C

 FEADE6

 00AD34

 FFADF2

 FFADFE

# Harmonies

## Analogous

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



9BA982



85AD91



73AFA5

# Triad

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



85AD91



8FA5CA



CB978F

# Complementary

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



85AD91



AD85A1

# 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.



CA96A3



85AD91



A99EC5

# Square

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



85AD91



77AAC6



BE98B6



C29C82

# Rectangle

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



85AD91



6DAFB2



BE98B6



CC9696



# Sweetspot

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



85AD91



D1E0D5



A1AD85



67706A



F0F0F0



707070



# Same Dimension

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



85AD91



A2E0B4



85ADA5



4E5751



00962D



001707



# Inverse Universe

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



AD85A1



E0A2CE



AD858D



574E54



960069



170010



# Previews

## White Background



This preview shows how the Hex color 85AD91 looks on a white background.

## Color Contrast Check

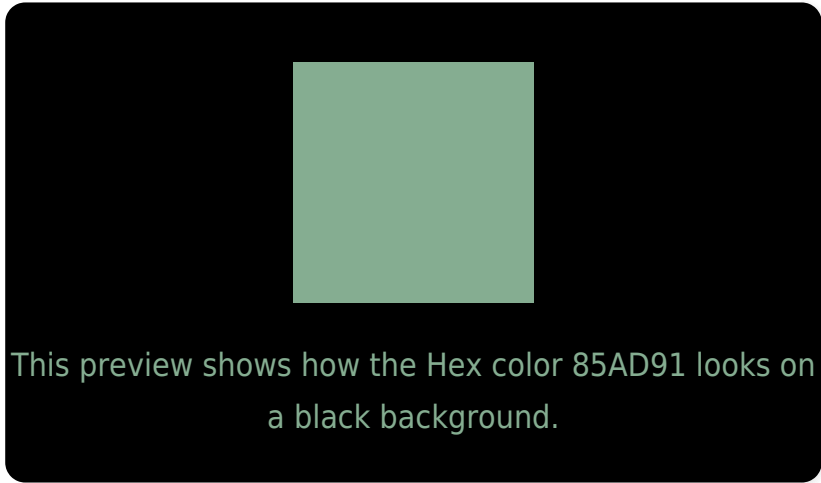
Large Text (above 18pt) WCAG AA × Fail

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

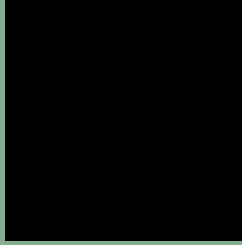
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85AD91 Background



This preview shows how black text looks on a background with the Hex color 85AD91.



This preview shows how white text looks on a background with the Hex color 85AD91.

# 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](#).

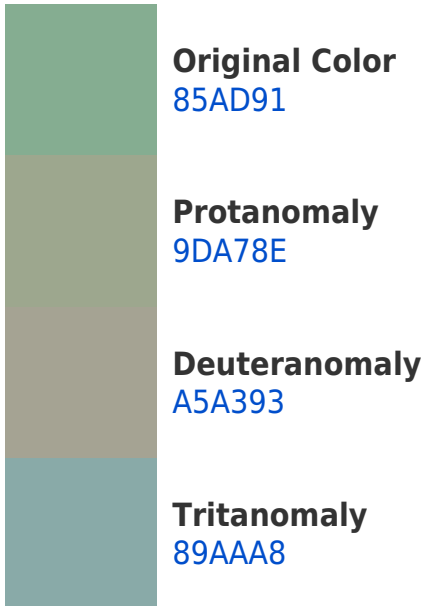
## Dichromacy





**Tritanopia**  
8CA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85AD91 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 #85AD91 looks like.

```
.text, #text, p{  
    color:#85AD91  
}
```

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 #85AD91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AD91
}
```

## Border

The CSS property to change the border of an element to Hex 85AD91 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
#85AD91 }
```

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

```
.border{ border-color:#85AD91 }
```

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

Here you see how a box with a 4 pixel #85AD91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AD91; -webkit-box-shadow:4px 4px  
4px 4px #85AD91; box-shadow:4px 4px 4px  
4px #85AD91 }
```

# Background

The CSS property to change the background color of an element to Hex 85AD91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AD91 }
```

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

```
.background{ background-color:#85AD91 }
```

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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