

# Converting Colors

Hex(849D91)

Have a look what the booklet for  
Hex(849D91) contains.

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# **Color**

**Hex(849D91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	849D91
RGB	132, 157, 145
RGB Percent	52%, 62%, 57%
CMY	0.4824, 0.3843, 0.4314
CMYK	0.16, 0.00, 0.08, 0.38
HSL	151°, 11%, 57%
HSV	151°, 16%, 62%
XYZ	26.6835, 31.0638, 31.3776
YIQ	148.1570, -11.0480, -9.0320

# Conversions

## Conversions Part 2

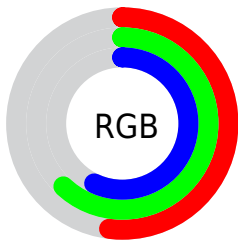
Format	Color
<a href="#">RYB</a>	<a href="#">132, 148, 157</a>
Decimal	<a href="#">8691089</a>
CIELab	<a href="#">62.56, -11.23, 3.35</a>
CIElCh	<a href="#">63, 11.720, 163.409</a>
Yxy	<a href="#">31.0638, 0.2994, 0.3485</a>
Android (android.graphics.Color)	<a href="#">4286881169 (0xFF849D91)</a>
YUV	<a href="#">148.1570, -1.5564, -14.1697</a>
Hunter-Lab	<a href="#">55.7349, -12.0778, 5.6354</a>

# Details

The Hex color **849D91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D8490**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B9D4C7**, and **526A5F** is the 20% darker color. If you saturate the color by 10%, you get **749D89**, and if you desaturate by 10%, it is **949D99**.

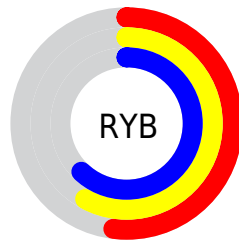
# Distribution



Red (52%)

Green (62%)

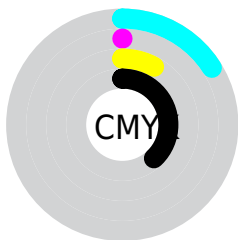
Blue (57%)



Red (52%)

Yellow (58%)

Blue (62%)

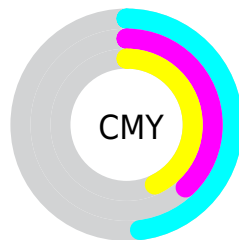


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 849D91 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 849D91 by changing the saturation by 10% instead.





849D91



849D91

FFFFFF



6B8377



B9D4C7



526A5F



D5F0E3



3B5147



F1FFFF



253A31



10251C



001001



000000



849D91



849D91



749D89



949D99

659D82

A39DA0

559D7A

B39DA8

459D73

C39DAF

369D6B

D39DB7

269D64

E29DBE

169D5C

F29DC6

069D55

FF9DCD

009D52

FF9DD5

# Harmonies

## Analogous

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



8F9B88



849D91



7E9D9C

# Triad

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



849D91



9297AB



AC9289

# Complementary

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



849D91



9D8490

# 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.



AD9093



849D91



9F93A6

# Square

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



849D91



869AAB



A9919D



A59584

# Rectangle

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



849D91



7D9DA2



A9919D



AD918C



# Sweetspot

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



849D91



C2CCC7



909D84



606663



E6E6E6



666666



# Same Dimension

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



849D91



A5CCB9



849D9D



474F4B



008F4A



000F08



# Inverse Universe

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



9D8490



CCA5B8



9D8484



4F474B



8F0045

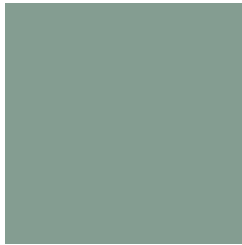


0F0007



# Previews

## White Background



This preview shows how the Hex color 849D91 looks on a white background.

## Color Contrast Check

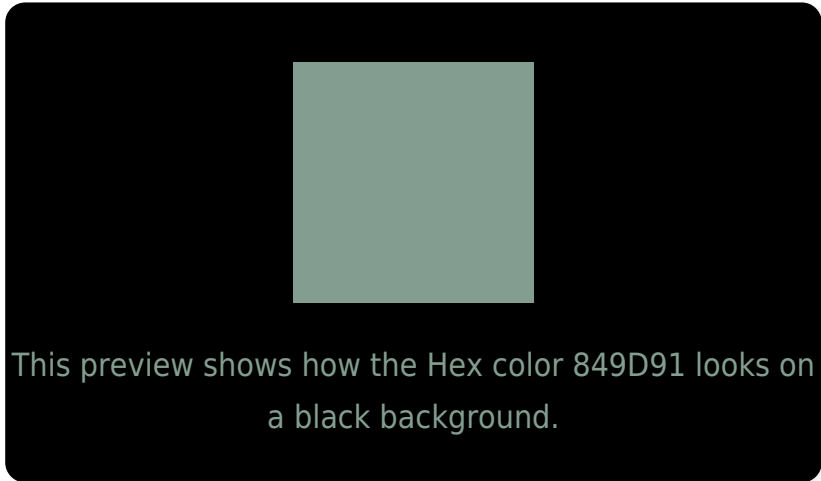
Large Text (above 18pt) WCAG AA × Fail

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

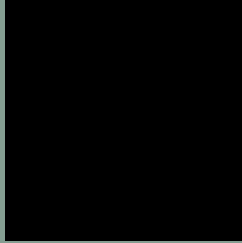
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

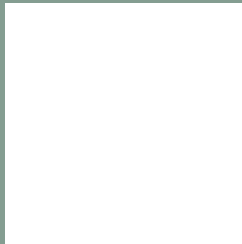
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 849D91 Background



This preview shows how black text looks on a background with the Hex color 849D91.

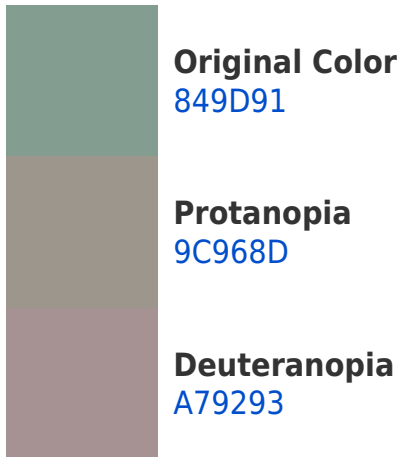


This preview shows how white text looks on a background with the Hex color 849D91.

# 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**  
889AA6

# Trichromacy



**Original Color**  
849D91

**Protanomaly**  
93998E

**Deuteranomaly**  
9A9692

**Tritanomaly**  
879B9E

# Monochromacy



**Original Color**  
849D91

**Achromatopsia**  
949494

**Achromatomaly**  
8E9793

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 849D91 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 #849D91 looks like.

```
.text, #text, p{  
    color:#849D91  
}
```

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 #849D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849D91
}
```

## Border

The CSS property to change the border of an element to Hex 849D91 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
#849D91 }
```

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

```
.border{ border-color:#849D91 }
```

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

Here you see how a box with a 4 pixel #849D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849D91; -webkit-box-shadow:4px 4px  
4px 4px #849D91; box-shadow:4px 4px 4px  
4px #849D91 }
```

# Background

The CSS property to change the background color of an element to Hex 849D91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849D91 }
```

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

```
.background{ background-color:#849D91 }
```

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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