

# Converting Colors

Hex(85A29D)

Have a look what the booklet for  
Hex(85A29D) contains.

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# **Color**

**Hex(85A29D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85A29D
RGB	133, 162, 157
RGB Percent	52%, 64%, 62%
CMY	0.4784, 0.3647, 0.3843
CMYK	0.18, 0.00, 0.03, 0.36
HSL	170°, 13%, 58%
HSV	170°, 18%, 64%
XYZ	28.6790, 33.2615, 36.8069
YIQ	152.7590, -15.6790, -7.7030

# Conversions

## Conversions Part 2

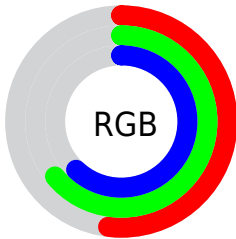
Format	Color
<a href="#">RYB</a>	<a href="#">133, 149, 162</a>
Decimal	<a href="#">8757917</a>
CIELab	<a href="#">64.37, -11.07, -0.75</a>
CIELCh	<a href="#">64, 11.096, 183.872</a>
Yxy	<a href="#">33.2615, 0.2904, 0.3368</a>
Android (android.graphics.Color)	<a href="#">4286947997 (0xFF85A29D)</a>
YUV	<a href="#">152.7590, 2.0908, -17.3286</a>
Hunter-Lab	<a href="#">57.6728, -12.1646, 2.5320</a>

# Details

The Hex color **85A29D** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A2858A**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BAD9D4**, and **536E6A** is the 20% darker color. If you saturate the color by 10%, you get **75A29A**, and if you desaturate by 10%, it is **95A2A0**.

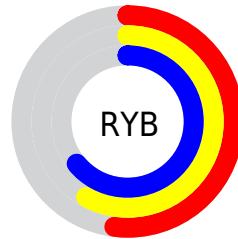
# Distribution



Red (52%)

Green (64%)

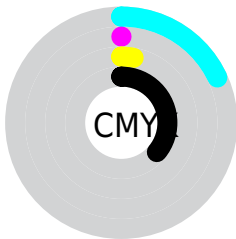
Blue (62%)



Red (52%)

Yellow (58%)

Blue (64%)

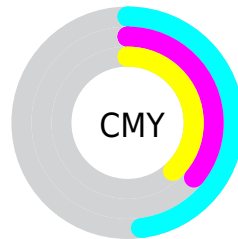


Cyan (18%)

Magenta (0%)

Yellow (3%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85A29D 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 85A29D by changing the saturation by 10% instead.





85A29D



85A29D

FFFFFF



6B8883



BAD9D4



536E6A



D6F5F0



3B5652



F3FFFF



253F3B



0F2925



001510



000000



85A29D



85A29D



75A29A



95A2A0

65A297

A5A2A3

54A295

B6A2A5

44A292

C6A2A8

34A28F

D6A2AB

24A28C

E6A2AE

14A289

F6A2B1

03A287

FFA2B3

00A286

FFA2B6

# Harmonies

## Analogous

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



8DA193



85A29D



83A1A7

# Triad

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



85A29D



A099AC



AC998B

# Complementary

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



85A29D



A2858A

# 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.



B19691



85A29D



AA96A5

# Square

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



85A29D



939CB0



B1959B



A39C88

# Rectangle

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



85A29D



86A0AC



B1959B



AE988C



# Sweetspot

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



85A29D



C9D4D2



8AA285



656B6A



EBEBEB



6B6B6B



# Same Dimension

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



85A29D



A7D4CC



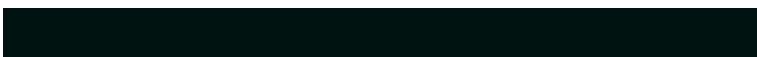
8599A2



495250



009178



00120F



# Inverse Universe

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



A2858A



D4A7AF



A28E85



52494B



910019

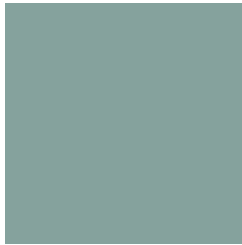


120003



# Previews

## White Background



This preview shows how the Hex color 85A29D looks on a white background.

## Color Contrast Check

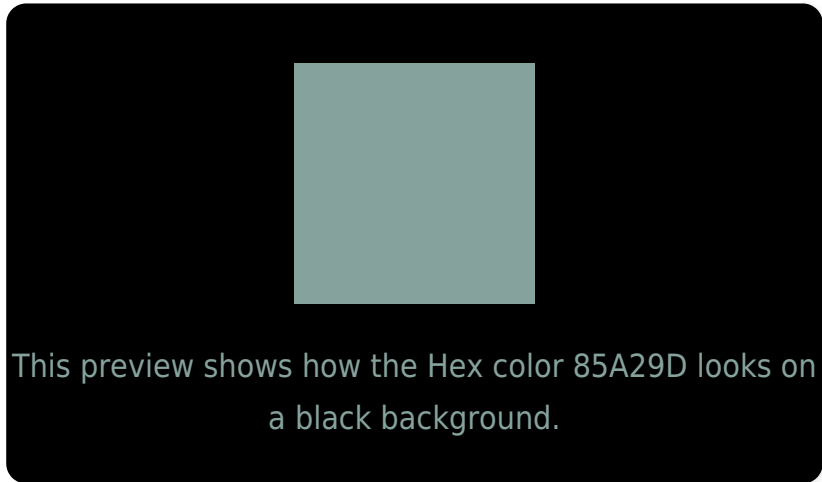
Large Text (above 18pt) WCAG AA × Fail

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

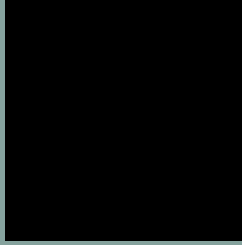
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85A29D Background



This preview shows how black text looks on a background with the Hex color 85A29D.

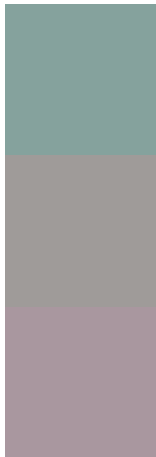


This preview shows how white text looks on a background with the Hex color 85A29D.

# 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



**Original Color**  
85A29D

**Protanopia**  
9F9B99

**Deuteranopia**  
A9979F

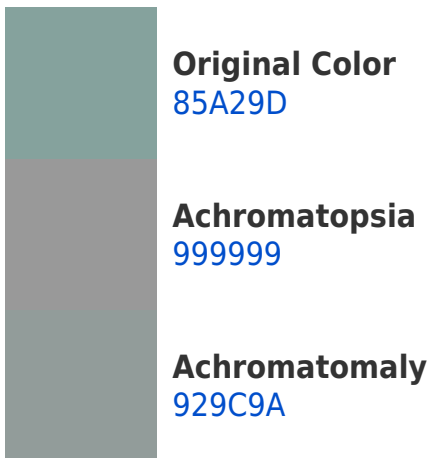


**Tritanopia**  
88A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85A29D 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 #85A29D looks like.

```
.text, #text, p{  
    color:#85A29D  
}
```

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 #85A29D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A29D
}
```

## Border

The CSS property to change the border of an element to Hex 85A29D 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
#85A29D }
```

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

```
.border{ border-color:#85A29D }
```

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

Here you see how a box with a 4 pixel #85A29D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A29D; -webkit-box-shadow:4px 4px  
4px 4px #85A29D; box-shadow:4px 4px 4px  
4px #85A29D }
```

# Background

The CSS property to change the background color of an element to Hex 85A29D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A29D }
```

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

```
.background{ background-color:#85A29D }
```

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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