

# Converting Colors

Hex(809B79)

Have a look what the booklet for  
Hex(809B79) contains.

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**Color**

**Hex(809B79)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	809B79
RGB	128, 155, 121
RGB Percent	50%, 61%, 47%
CMY	0.4980, 0.3922, 0.5255
CMYK	0.17, 0.00, 0.22, 0.39
HSL	108°, 15%, 54%
HSV	108°, 22%, 61%
XYZ	24.0746, 29.4124, 22.4974
YIQ	143.0510, -5.1780, -16.2980

# Conversions

## Conversions Part 2

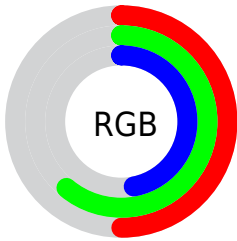
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 155, 148
Decimal	8428409
CIE <sub>Lab</sub>	61.14, -16.16, 14.77
CIE <sub>LCh</sub>	61, 21.892, 137.574
Yxy	29.4124, 0.3168, 0.3871
Android (android.graphics.Color)	4286618489 (0xFF809B79)
YUV	143.0510, -10.8711, -13.1997
Hunter-Lab	54.2332, -15.6702, 13.3681

# Details

The Hex color **809B79** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **94799B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B5D2AD**, and **4E6848** is the 20% darker color. If you saturate the color by 10%, you get **749B6A**, and if you desaturate by 10%, it is **8C9B89**.

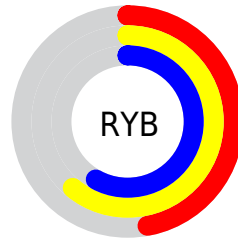
# Distribution



Red (50%)

Green (61%)

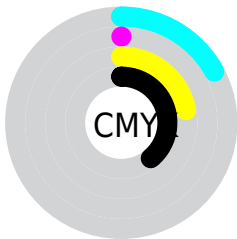
Blue (47%)



Red (47%)

Yellow (61%)

Blue (58%)

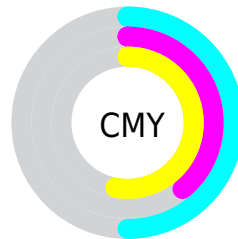


Cyan (17%)

Magenta (0%)

Yellow (22%)

Black (39%)



Cyan (50%)

Magenta (39%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809B79 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 809B79 by changing the saturation by 10% instead.





809B79



809B79

FFFFFF



678160



B5D2AD



4E6848



D1EEC9



375032



EDFFE5



21391C



0D2304



000800



000000



809B79



809B79



749B6A



8C9B89

679B5A

999B98

5B9B4A

A59BA7

4F9B3B

B19BB7

429B2B

BE9BC7

369B1C

CA9BD6

2A9B0C

D69BE5

209B00

E29BF5

EF9BFF

# Harmonies

## Analogous

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



96966F



809B79



6B9E8B

# Triad

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



809B79



7198B9



BB8689

# Complementary

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



809B79



94799B

# 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.



B5869C



809B79



8C91B8

# Square

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



809B79



5E9CAF



A48BAE



B78978

# Rectangle

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



809B79



609F98



A48BAE



BA868F



# Sweetspot

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



809B79



BEC9BB



9B9479



60665E



E6E6E6



666666



# Same Dimension

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



809B79



A0C995



799B83



464D45



1D8C00



030D00



# Inverse Universe

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



94799B



BF95C9



9B7991



4B454D



6F008C

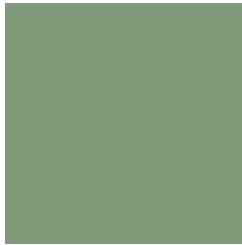


0A000D



# Previews

## White Background



This preview shows how the Hex color 809B79 looks on a white background.

## Color Contrast Check

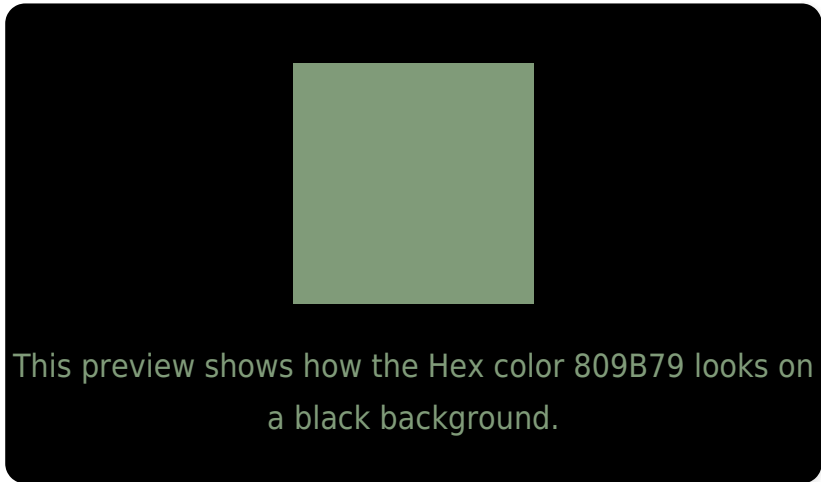
Large Text (above 18pt) WCAG AA ✓ Pass

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

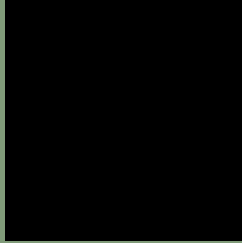
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 809B79 Background



This preview shows how black text looks on a background with the Hex color 809B79.



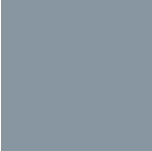
This preview shows how white text looks on a background with the Hex color 809B79.

# 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**  
8796A1

# Trichromacy



**Original Color**  
809B79

**Protanomaly**  
929676

**Deuteranomaly**  
9B937B

**Tritanomaly**  
849892

# Monochromacy



**Original Color**  
809B79

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8A9387

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809B79 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 #809B79 looks like.

```
.text, #text, p{  
    color:#809B79  
}
```

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 #809B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809B79
}
```

## Border

The CSS property to change the border of an element to Hex 809B79 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
#809B79 }
```

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

```
.border{ border-color:#809B79 }
```

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

Here you see how a box with a 4 pixel #809B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809B79; -webkit-box-shadow:4px 4px  
4px 4px #809B79; box-shadow:4px 4px 4px  
4px #809B79 }
```

# Background

The CSS property to change the background color of an element to Hex 809B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809B79 }
```

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

```
.background{ background-color:#809B79 }
```

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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