

Converting Colors

Hex(809083)

Have a look what the booklet for
Hex(809083) contains.

Hex(809083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(809083)

Conversions

Conversions Part 1

Format	Color
Hex	809083
RGB	128, 144, 131
RGB Percent	50%, 56%, 51%
CMY	0.4980, 0.4353, 0.4863
CMYK	0.11, 0.00, 0.09, 0.44
HSL	131°, 7%, 53%
HSV	131°, 11%, 56%
XYZ	22.9721, 26.1744, 25.3141
YIQ	137.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

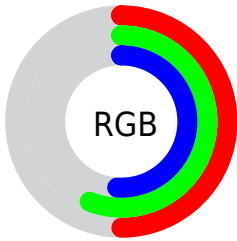
Format	Color
R_{YB}	128, 141, 144
Decimal	8425603
CIE _{Lab}	58.20, -8.39, 4.96
CIE _{LCh}	58, 9.741, 149.417
Yxy	26.1744, 0.3085, 0.3515
Android (android.graphics.Color)	4286615683 (0xFF809083)
YUV	137.7340, -3.3199, -8.5367
Hunter-Lab	51.1609, -9.3823, 6.4763

Details

The Hex color **809083** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **90808D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B5C6B8**, and **4F5E52** is the 20% darker color. If you saturate the color by 10%, you get **729077**, and if you desaturate by 10%, it is **8E908F**.

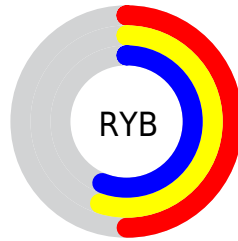
Distribution



Red (50%)

Green (56%)

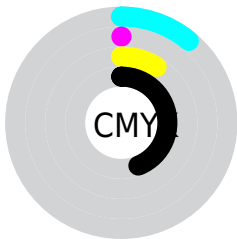
Blue (51%)



Red (50%)

Yellow (55%)

Blue (56%)

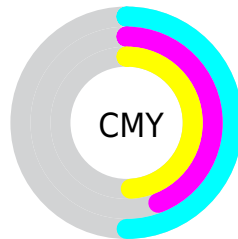


Cyan (11%)

Magenta (0%)

Yellow (9%)

Black (44%)



Cyan (50%)

Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809083 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 809083 by changing the saturation by 10% instead.

 809083

 809083

FFFFFF

 67766A

 B5C6B8

 4F5E52

 D0E2D4

 38463B

 EDFEF0

 223025

 0D1B10

 000000

 809083

 809083

 729077

 8E908F

 63906C

 9D909A

■ 559060

■ AB90A6

■ 469054

■ BA90B2

■ 389048

■ C890BE

■ 2A903D

■ D690C9

■ 1B9031

■ E590D5

■ 0D9025

■ F390E1

■ 00901B

■ FF90EC

Harmonies

Analogous

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



8A8E7D



809083



79918B

Triad

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



809083



838D9D



9E8784

Complementary

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



809083



90808D

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.



9D868C



809083



8D8A9B

Square

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



809083



7A8F9A



978795



9B897E

Rectangle

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



809083



779191



978795



9E8687

Sweetspot

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



809083



B5BAB6



8D9080



5B5E5B



DEDEDE



5E5E5E

Same Dimension

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



809083



A2BAA6



80908B



404742



008719



000801

Inverse Universe

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



90808D



BAA2B6



908085



474046



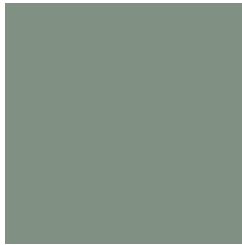
87006E



080006

Previews

White Background



This preview shows how the Hex color 809083 looks on a white background.

Color Contrast Check

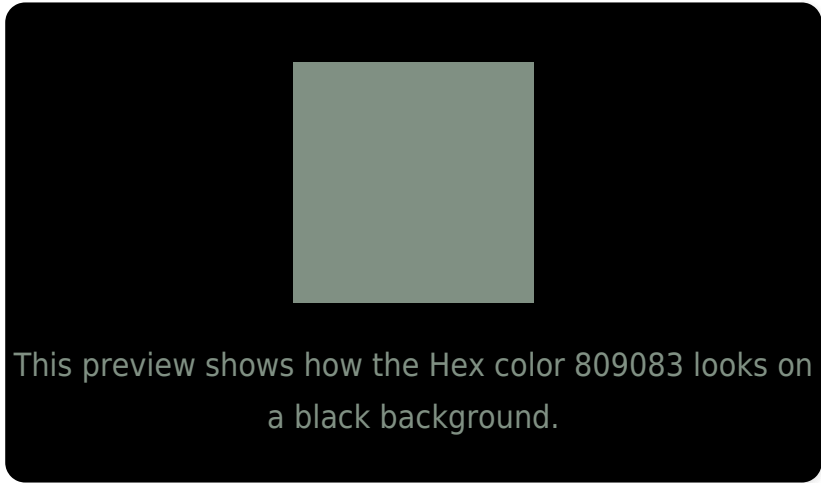
Large Text (above 18pt) WCAG AA ✓ Pass

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

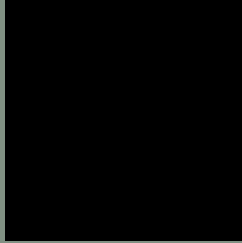
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

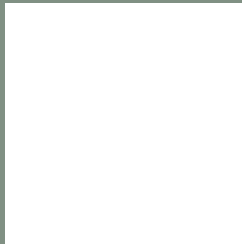
Any Text WCAG AAA × Fail

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

Hex 809083 Background



This preview shows how black text looks on a background with the Hex color 809083.

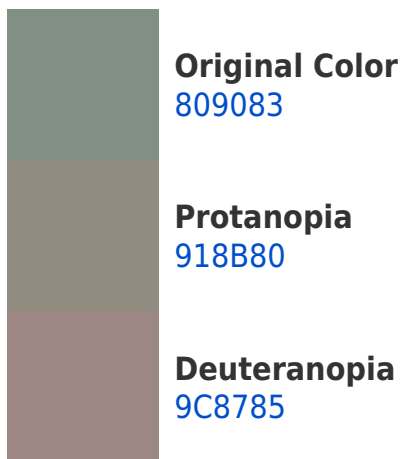


This preview shows how white text looks on a background with the Hex color 809083.

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
838D98

Trichromacy



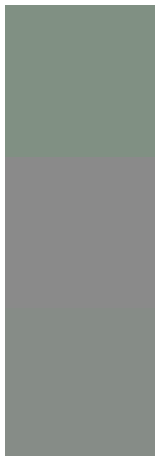
Original Color
809083

Protanomaly
8B8D81

Deuteranomaly
928A84

Tritanomaly
828E90

Monochromacy



Original Color
809083

Achromatopsia
8A8A8A

Achromatomaly
868C87

CSS Examples

Text

The CSS property to change the color of the text to Hex 809083 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 #809083 looks like.

```
.text, #text, p{  
    color:#809083  
}
```

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 #809083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809083
}
```

Border

The CSS property to change the border of an element to Hex 809083 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
#809083 }
```

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

```
.border{ border-color:#809083 }
```

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

Here you see how a box with a 4 pixel #809083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809083; -webkit-box-shadow:4px 4px  
4px 4px #809083; box-shadow:4px 4px 4px  
4px #809083 }
```

Background

The CSS property to change the background color of an element to Hex 809083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809083 }
```

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

```
.background{ background-color:#809083 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor