

Converting Colors

Hex(809786)

Have a look what the booklet for
Hex(809786) contains.

Hex(809786)	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(809786)

Conversions

Conversions Part 1

Format	Color
Hex	809786
RGB	128, 151, 134
RGB Percent	50%, 59%, 53%
CMY	0.4980, 0.4078, 0.4745
CMYK	0.15, 0.00, 0.11, 0.41
HSL	136°, 10%, 55%
HSV	136°, 15%, 59%
XYZ	24.2718, 28.4436, 26.7652
YIQ	142.1850, -8.2510, -10.1630

Conversions

Conversions Part 2

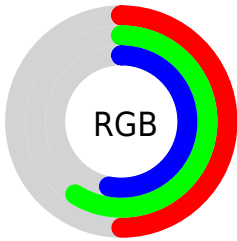
Format	Color
RYB	128, 146, 151
Decimal	8427398
CIELab	60.29, -11.61, 6.24
CIElCh	60, 13.181, 151.719
Yxy	28.4436, 0.3054, 0.3579
Android (android.graphics.Color)	4286617478 (0xFF809786)
YUV	142.1850, -4.0352, -12.4402
Hunter-Lab	53.3326, -12.0963, 7.5779

Details

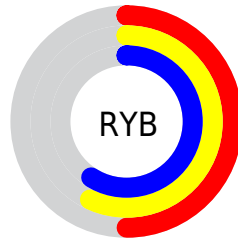
The Hex color **809786** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **978091**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B5CDBB**, and **4F6454** is the 20% darker color. If you saturate the color by 10%, you get **71977B**, and if you desaturate by 10%, it is **8F9791**.

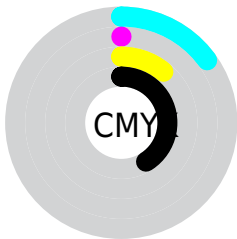
Distribution



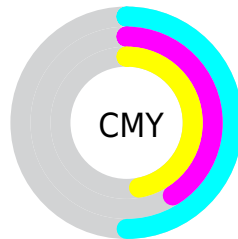
- Red (50%)
- Green (59%)
- Blue (53%)



- Red (50%)
- Yellow (57%)
- Blue (59%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (50%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809786 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 809786 by changing the saturation by 10% instead.

■ 809786

■ 809786

FFFFFF

■ 677D6D

■ B5CDBB

■ 4F6454

■ D1E9D7

■ 374C3D

■ EDFFF3

■ 223527

■ 0D2013

■ 000200

■ 000000

■ 809786

■ 809786

■ 71977B

■ 8F9791

■ 629770

■ 9E979C

■ 539765

■ AD97A7

■ 449759

■ BC97B3

■ 34974E

■ CB97BE

■ 259743

■ DB97C9

■ 169738

■ EA97D4

■ 07972D

■ F997DF

■ 009727

■ FF97EA

Harmonies

Analogous

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



8D947D



809786



769892

Triad

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



809786



8592A8



AA8A86

Complementary

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



809786



978091

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.



A98991



809786



948EA5

Square

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



809786



7996A5



A18B9D



A48D7D

Rectangle

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



809786



739899



A18B9D



AA8A89

Sweetspot

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



809786



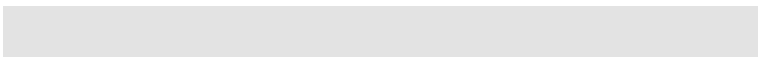
BBC4BD



919780



5D635F



E3E3E3



636363

Same Dimension

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



809786



A1C4AA



809791



454D47



008C25



000D03

Inverse Universe

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



978091



C4A1BB



978086



4D454B



8C0068



0D0009

Previews

White Background



This preview shows how the Hex color 809786 looks on a white background.

Color Contrast Check

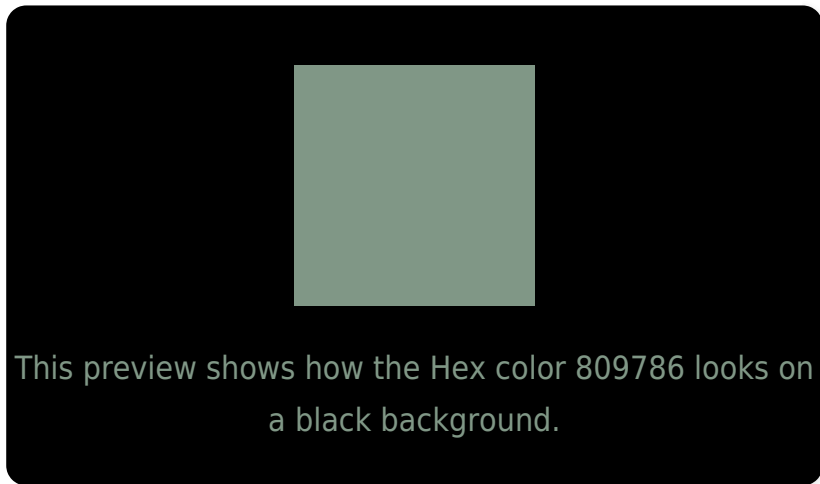
Large Text (above 18pt) WCAG AA ✓ Pass

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

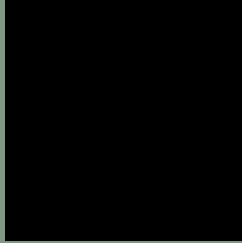
Any Text WCAG AA ✓ Pass

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 809786 Background



This preview shows how black text looks on a background with the Hex color 809786.

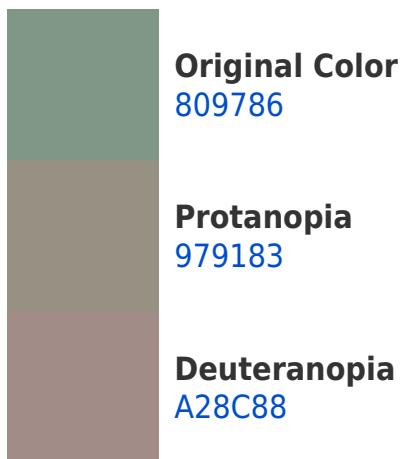


This preview shows how white text looks on a background with the Hex color 809786.

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
84939F

Trichromacy



Original Color
809786

Protanomaly
8F9384

Deuteranomaly
969087

Tritanomaly
839496

Monochromacy



Original Color
809786

Achromatopsia
8E8E8E

Achromatomaly
89918B

CSS Examples

Text

The CSS property to change the color of the text to Hex 809786 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 #809786 looks like.

```
.text, #text, p{  
    color:#809786  
}
```

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 #809786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809786  
}
```

Border

The CSS property to change the border of an element to Hex 809786 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  
#809786 }
```

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

```
.border{ border-color:#809786 }
```

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

Here you see how a box with a 4 pixel #809786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809786; -webkit-box-shadow:4px 4px  
4px 4px #809786; box-shadow:4px 4px 4px  
4px #809786 }
```

Background

The CSS property to change the background color of an element to Hex 809786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809786 }
```

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

```
.background{ background-color:#809786 }
```

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