

Converting Colors

Hex(9087A7)

Have a look what the booklet for
Hex(9087A7) contains.

Hex(9087A7)	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(9087A7)

Conversions

Conversions Part 1

Format	Color
Hex	9087A7
RGB	144, 135, 167
RGB Percent	56%, 53%, 65%
CMY	0.4353, 0.4706, 0.3451
CMYK	0.14, 0.19, 0.00, 0.35
HSL	257°, 15%, 59%
HSV	257°, 19%, 65%
XYZ	27.1406, 26.0473, 40.1564
YIQ	141.3390, -4.9080, 11.8600

Conversions

Conversions Part 2

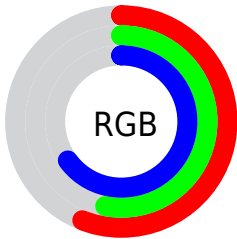
Format	Color
RYB	144, 135, 167
Decimal	9471911
CIELab	58.08, 9.94, -15.70
CIELCh	58, 18.578, 302.328
Yxy	26.0473, 0.2908, 0.2790
Android (android.graphics.Color)	4287661991 (0xFF9087A7)
YUV	141.3390, 12.6509, 2.3337
Hunter-Lab	51.0365, 5.6103, -10.9248

Details

The Hex color **9087A7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9EA787**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C6BCDE**, and **5D5573** is the 20% darker color. If you saturate the color by 10%, you get **8476A7**, and if you desaturate by 10%, it is **9C98A7**.

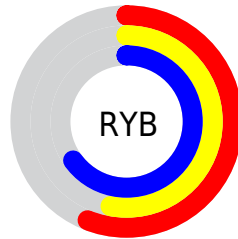
Distribution



Red (56%)

Green (53%)

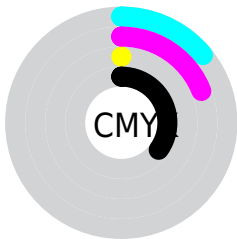
Blue (65%)



Red (56%)

Yellow (53%)

Blue (65%)

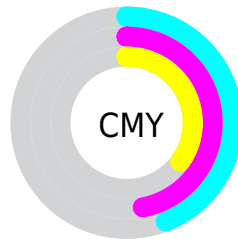


Cyan (14%)

Magenta (19%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9087A7 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 9087A7 by changing the saturation by 10% instead.

■ 9087A7

■ 9087A7

FFFFFF

■ 766E8D

■ C6BCDE

■ 5D5573

■ E2D8FB

■ 453E5A

■ FFF4FF

■ 2F2843

■ 19142D

■ 000018

■ 000000

■ 9087A7

■ 9087A7

■ 8476A7

■ 9C98A7

7866A7

A8A8A7

6C55A7

B4B9A7

6044A7

C0CAA7

5434A7

CCDAA7

4823A7

D8EBA7

3C12A7

E4FCA7

3001A7

F0FFA7

2F00A7

FCFFA7

Harmonies

Analogous

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



7A8DAC



9087A7



A2829B

Triad

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



9087A7



A5866F



63958C

Complementary

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



9087A7



9EA787

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.



72937C



9087A7



978B6B

Square

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



9087A7



AD817B



859070



5E949C

Rectangle

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



9087A7



A98090



859070



689587

Sweetspot

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



9087A7



CFCCD9



879EA7



68666E



EDEDED



6E6E6E

Same Dimension

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



9087A7



B5A7D9



A087A7



4E4C54



2A0094



060014

Inverse Universe

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



A7879E



D9A7CB



8EA787



544C52



94006A



14000F

Previews

White Background



This preview shows how the Hex color 9087A7 looks on a white background.

Color Contrast Check

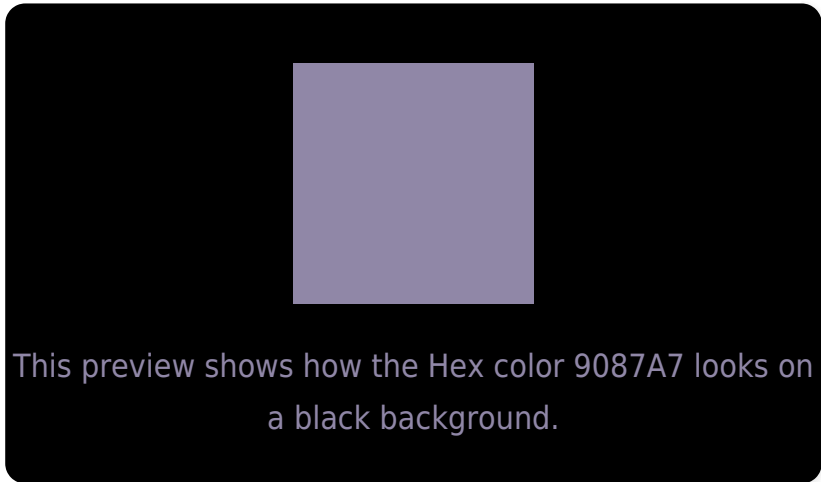
Large Text (above 18pt) WCAG AA ✓ Pass

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

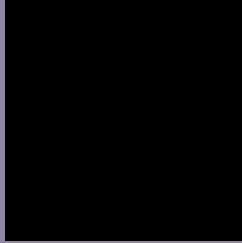
Any Text WCAG AA ✓ Pass

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 9087A7 Background



This preview shows how black text looks on a background with the Hex color 9087A7.



This preview shows how white text looks on a background with the Hex color 9087A7.

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
9087A7

Protanopia
858AA9

Deuteranopia
8C88A7



Tritanopia
8D8A95

Trichromacy



Original Color

9087A7

Protanomaly

8989A8

Deuteranomaly

8D88A7

Tritanomaly

8E899C

Monochromacy



Original Color

9087A7

Achromatopsia

8D8D8D

Achromatomaly

8E8B96

CSS Examples

Text

The CSS property to change the color of the text to Hex 9087A7 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 #9087A7 looks like.

```
.text, #text, p{  
    color:#9087A7  
}
```

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 #9087A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9087A7
}
```

Border

The CSS property to change the border of an element to Hex 9087A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

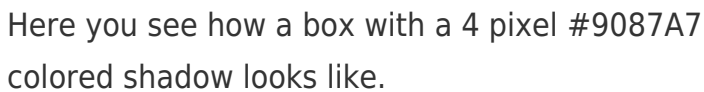
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9087A7 }
```

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

```
.border{ border-color:#9087A7 }
```

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



Here you see how a box with a 4 pixel #9087A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9087A7; -webkit-box-shadow:4px 4px  
4px 4px #9087A7; box-shadow:4px 4px 4px  
4px #9087A7 }
```

Background

The CSS property to change the background color of an element to Hex 9087A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9087A7 }
```

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

```
.background{ background-color:#9087A7 }
```

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