

# Converting Colors

Hex(9286A7)

Have a look what the booklet for  
Hex(9286A7) contains.

<b>Hex(9286A7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9286A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9286A7
RGB	146, 134, 167
RGB Percent	57%, 53%, 65%
CMY	0.4275, 0.4745, 0.3451
CMYK	0.13, 0.20, 0.00, 0.35
HSL	262°, 16%, 59%
HSV	262°, 20%, 65%
XYZ	27.3542, 25.9512, 40.1266
YIQ	141.3500, -3.4410, 12.8070

# Conversions

## Conversions Part 2

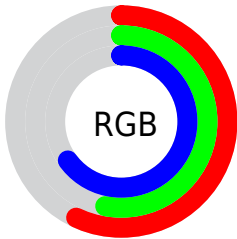
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">146, 134, 167</a>
Decimal	<a href="#">9602727</a>
CIELab	<a href="#">57.99, 11.19, -15.82</a>
CIELCh	<a href="#">58, 19.378, 305.271</a>
Yxy	<a href="#">25.9512, 0.2928, 0.2778</a>
Android (android.graphics.Color)	<a href="#">4287792807</a> ( <a href="#">0xFF9286A7</a> )
YUV	<a href="#">141.3500, 12.6455, 4.0781</a>
Hunter-Lab	<a href="#">50.9423, 6.6990, -11.0423</a>

# Details

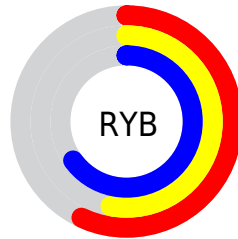
The Hex color **9286A7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9BA786**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C8BBDE**, and **5F5473** is the 20% darker color. If you saturate the color by 10%, you get **8775A7**, and if you desaturate by 10%, it is **9D97A7**.

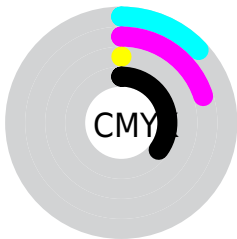
# Distribution



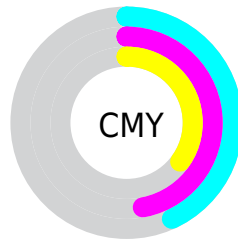
- Red (57%)
- Green (53%)
- Blue (65%)



- Red (57%)
- Yellow (53%)
- Blue (65%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)



- Cyan (43%)
- Magenta (47%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9286A7 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 9286A7 by changing the saturation by 10% instead.



■ 9286A7

■ 9286A7

FFFFFF

■ 786D8D

■ C8BBDE

■ 5F5473

■ E4D7FB

■ 473D5A

■ FFF3FF

■ 302743

■ 1B132D

■ 000018

■ 000000

■ 9286A7

■ 9286A7

■ 8775A7

■ 9D97A7

7D65A7

A7A7A7

7254A7

B2B8A7

6743A7

BDC9A7

5D32A7

C7D9A7

5222A7

D2EAA7

4811A7

DCFBA7

3D00A7

E7FFA7

F2FFA7

# Harmonies

## Analogous

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



7B8CAD



9286A7



A4819A

# Triad

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



9286A7



A4866D



60958E

# Complementary

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



9286A7



9BA786

# 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.



6F947D



9286A7



958B6A

# Square

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



9286A7



AD8179



82906F



5C949E

# Rectangle

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



9286A7



AB7F8F



82906F



649588



# Sweetspot

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



9286A7



D0CCD9



869BA7



69666E



EDEDED



6E6E6E



# Same Dimension

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



9286A7



B8A5D9



A286A7



4F4C54



360094



070014



# Inverse Universe

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



A7869B



D9A5C6



8BA786



544C51



94005E

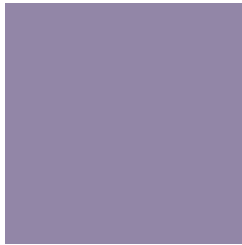


14000D



# Previews

## White Background



This preview shows how the Hex color 9286A7 looks on a white background.

## Color Contrast Check

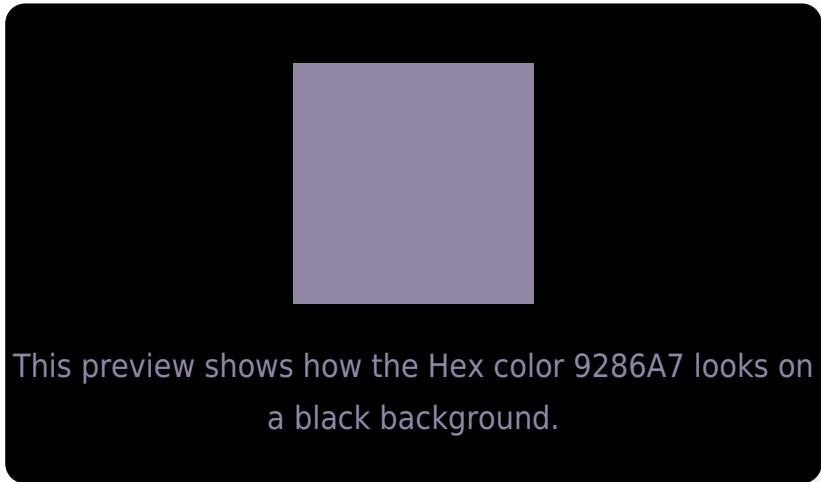
Large Text (above 18pt) WCAG AA ✓ Pass

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 9286A7 Background



This preview shows how black text looks on a background with the Hex color 9286A7.



This preview shows how white text looks on a background with the Hex color 9286A7.

# 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**  
9286A7

**Protanopia**  
848AAA

**Deuteranopia**  
8C88A7



**Tritanopia**  
8F8994

# Trichromacy



**Original Color**  
9286A7

**Protanomaly**  
8989A9

**Deuteranomaly**  
8E87A7

**Tritanomaly**  
90889B

# Monochromacy



**Original Color**  
9286A7

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
8F8A96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9286A7 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 #9286A7 looks like.

```
.text, #text, p{  
    color:#9286A7  
}
```

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 #9286A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9286A7
}
```

## Border

The CSS property to change the border of an element to Hex 9286A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

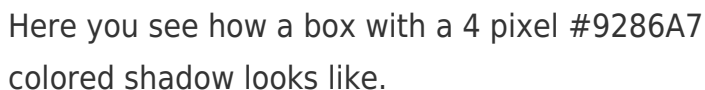
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9286A7 }
```

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

```
.border{ border-color:#9286A7 }
```

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



Here you see how a box with a 4 pixel #9286A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9286A7; -webkit-box-shadow:4px 4px  
4px 4px #9286A7; box-shadow:4px 4px 4px  
4px #9286A7 }
```

# Background

The CSS property to change the background color of an element to Hex 9286A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9286A7 }
```

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

```
.background{ background-color:#9286A7 }
```

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