

Converting Colors

Hex(9A287B)

Have a look what the booklet for
Hex(9A287B) contains.

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Color

Hex(9A287B)

Conversions

Conversions Part 1

Format	Color
Hex	9A287B
RGB	154, 40, 123
RGB Percent	60%, 16%, 48%
CMY	0.3961, 0.8431, 0.5176
CMYK	0.00, 0.74, 0.20, 0.40
HSL	316°, 59%, 38%
HSV	316°, 74%, 60%
XYZ	17.6604, 9.8177, 19.7031
YIQ	83.5480, 41.3010, 49.9810

Conversions

Conversions Part 2

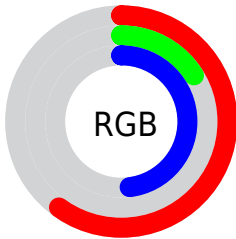
Format	Color
RYB	154, 40, 123
Decimal	10102907
CIELab	37.51, 54.65, -20.86
CIELCh	38, 58.500, 339.110
Yxy	9.8177, 0.3743, 0.2081
Android (android.graphics.Color)	4288292987 (0xFF9A287B)
YUV	83.5480, 19.4498, 61.7864
Hunter-Lab	31.3332, 45.7753, -15.3498

Details

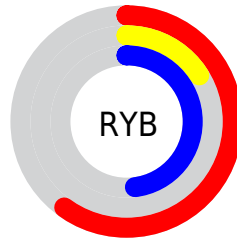
The Hex color **9A287B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **289A47**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **D360B0**, and **63004A** is the 20% darker color. If you saturate the color by 10%, you get **9A1977**, and if you desaturate by 10%, it is **9A377F**.

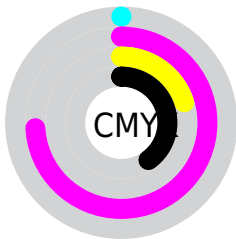
Distribution



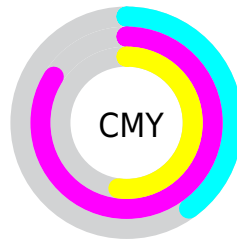
- Red (60%)
- Green (16%)
- Blue (48%)



- Red (60%)
- Yellow (16%)
- Blue (48%)



- Cyan (0%)
- Magenta (74%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (84%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A287B 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 9A287B by changing the saturation by 10% instead.

 9A287B

 9A287B

FFFFFF

 7E0062

 D360B0

 63004A

 F17CCB

 480033

 FF97E7

 30001E

 FFB3FF

 020000

 FFD0FF

 000000

 FFEDFF

 9A287B

 9A287B

 9A1977

 9A377F

■ 9A0973

■ 9A4783

■ 9A0070

■ 9A5688

■ 9A668C

■ 9A7590

■ 9A8494

■ 9A9498

■ 9AA39D

■ 9AB3A1

Harmonies

Analogous

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



6A44A2



9A287B



AA1A4C

Triad

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



9A287B



5F5B00



006C93

Complementary

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



9A287B



289A47

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.



006D66



9A287B



286500

Square

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



9A287B



864900



006B34



0066B1

Rectangle

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



9A287B



A6282E



006B34



006D85

Sweetspot

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



9A287B



C99DBD



46289A



664B5F



E6E6E6



666666

Same Dimension

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



9A287B



C91699



9A2843



4D454A



8C0066



0D0009

Inverse Universe

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



9A287B



C91699



289A7F



4D454A



8C0066



0D0009

Previews

White Background



This preview shows how the Hex color 9A287B looks on a white background.

Color Contrast Check

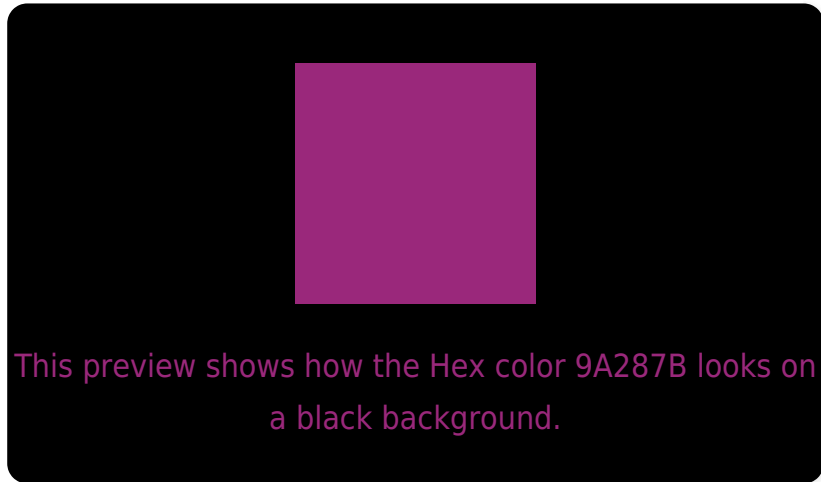
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

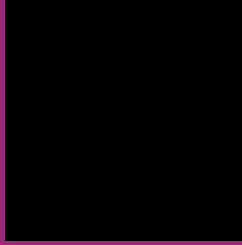
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9A287B Background



This preview shows how black text looks on a background with the Hex color 9A287B.



This preview shows how white text looks on a background with the Hex color 9A287B.

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
9A287B

Protanopia
3657A1

Deuteranopia
545874



Tritanopia
953B3F

Trichromacy



Original Color
9A287B



Protanomaly
5A4693



Deuteranomaly
6D4777

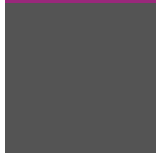


Tritanomaly
973455

Monochromacy



Original Color
9A287B



Achromatopsia
545454



Achromatomaly
6D4462

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A287B 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 #9A287B looks like.

```
.text, #text, p{  
    color:#9A287B  
}
```

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 #9A287B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A287B
}
```

Border

The CSS property to change the border of an element to Hex 9A287B is called "border". The border property can be set on classes, ids or directly on the HTML element.

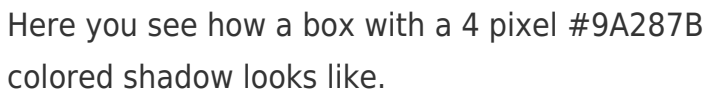
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A287B }
```

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

```
.border{ border-color:#9A287B }
```

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



Here you see how a box with a 4 pixel #9A287B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A287B; -webkit-box-shadow:4px 4px  
4px 4px #9A287B; box-shadow:4px 4px 4px  
4px #9A287B }
```

Background

The CSS property to change the background color of an element to Hex 9A287B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A287B }
```

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

```
.background{ background-color:#9A287B }
```

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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