

Converting Colors

Hex(9D6AAA)

Have a look what the booklet for
Hex(9D6AAA) contains.

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Color

Hex(9D6AAA)

Conversions

Conversions Part 1

Format	Color
Hex	9D6AAA
RGB	157, 106, 170
RGB Percent	62%, 42%, 67%
CMY	0.3843, 0.5843, 0.3333
CMYK	0.08, 0.38, 0.00, 0.33
HSL	288°, 27%, 54%
HSV	288°, 38%, 67%
XYZ	26.3144, 20.3784, 40.5767
YIQ	128.5450, 9.8520, 30.7160

Conversions

Conversions Part 2

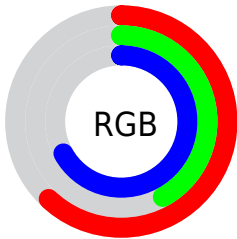
Format	Color
RYB	157, 106, 170
Decimal	10316458
CIELab	52.26, 31.64, -26.23
CIELCh	52, 41.102, 320.343
Yxy	20.3784, 0.3015, 0.2335
Android (android.graphics.Color)	4288506538 (0xFF9D6AAA)
YUV	128.5450, 20.4373, 24.9550
Hunter-Lab	45.1425, 25.0515, -21.6936

Details

The Hex color **9D6AAA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **77AA6A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D49EE1**, and **683976** is the 20% darker color. If you saturate the color by 10%, you get **9A59AA**, and if you desaturate by 10%, it is **A07BAA**.

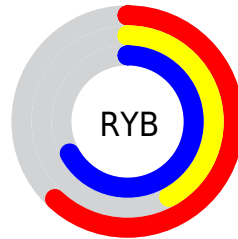
Distribution



Red (62%)

Green (42%)

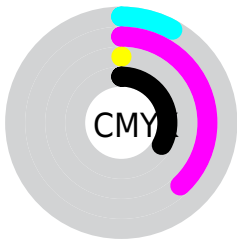
Blue (67%)



Red (62%)

Yellow (42%)

Blue (67%)

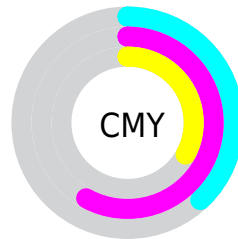


Cyan (8%)

Magenta (38%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D6AAA 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 9D6AAA by changing the saturation by 10% instead.

9D6AAA

9D6AAA

FFFFFF

82518F

D49EE1

683976

F1B9FE

4F225D

FFD5FF

370945

FFF2FF

22002E

000119

000000

9D6AAA

9D6AAA

9A59AA

A07BAA

9648AA

A48CAA

9337AA

A79DAA

8F26AA

ABAEAA

8C15AA

AEBFAA

8804AA

B2D0AA

8700AA

B5E1AA

B9F2AA

BCFFAA

Harmonies

Analogous

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



6D78BF



9D6AAA



B8608A

Triad

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



9D6AAA



9B7735



008E94

Complementary

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



9D6AAA



77AA6A

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.



008E70



9D6AAA



7A8238

Square

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



9D6AAA



B46A48



508A4E



008BB2

Rectangle

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



9D6AAA



BF5F72



508A4E



008F88

Sweetspot

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



9D6AAA



D9C5DE



6A78AA



6D6270



F0F0F0



707070

Same Dimension

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



9D6AAA



CA7ADE



AA6A98



524C54



760094



100014

Inverse Universe

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



AA6A77



DE7A8E



6AAA7C



544C4D



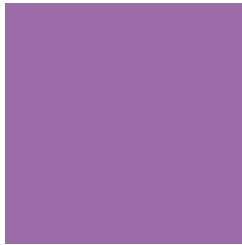
94001E



140004

Previews

White Background



This preview shows how the Hex color 9D6AAA looks on a white background.

Color Contrast Check

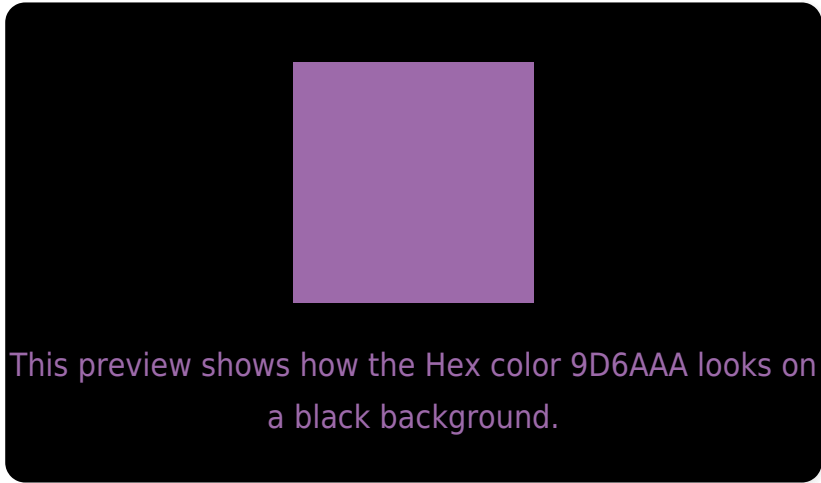
Large Text (above 18pt) WCAG AA ✓ Pass

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

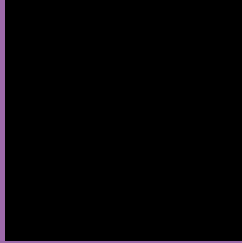
Any Text WCAG AA ✓ Pass

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 9D6AAA Background



This preview shows how black text looks on a background with the Hex color 9D6AAA.



This preview shows how white text looks on a background with the Hex color 9D6AAA.

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
9D6AAA

Protanopia
697BB7

Deuteranopia
727BA7



Tritanopia
96747C

Trichromacy



Original Color
9D6AAA



Protanomaly
7C75B2



Deuteranomaly
8275A8



Tritanomaly
99708D

Monochromacy



Original Color
9D6AAA



Achromatopsia
818181



Achromatomaly
8B7990

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D6AAA 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 #9D6AAA looks like.

```
.text, #text, p{  
    color:#9D6AAA  
}
```

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 #9D6AAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6AAA
}
```

Border

The CSS property to change the border of an element to Hex 9D6AAA 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
#9D6AAA }
```

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

```
.border{ border-color:#9D6AAA }
```

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

Here you see how a box with a 4 pixel #9D6AAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6AAA; -webkit-box-shadow:4px 4px  
4px 4px #9D6AAA; box-shadow:4px 4px 4px  
4px #9D6AAA }
```

Background

The CSS property to change the background color of an element to Hex 9D6AAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6AAA }
```

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

```
.background{ background-color:#9D6AAA }
```

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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