

Converting Colors

Hex(9D44A6)

Have a look what the booklet for
Hex(9D44A6) contains.

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Color

Hex(9D44A6)

Conversions

Conversions Part 1

Format	Color
Hex	9D44A6
RGB	157, 68, 166
RGB Percent	62%, 27%, 65%
CMY	0.3843, 0.7333, 0.3490
CMYK	0.05, 0.59, 0.00, 0.35
HSL	294°, 42%, 46%
HSV	294°, 59%, 65%
XYZ	22.8547, 14.0555, 37.5848
YIQ	105.7830, 21.5860, 49.3460

Conversions

Conversions Part 2

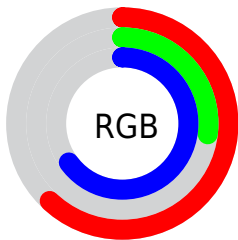
Format	Color
R_{YB}	157, 68, 166
Decimal	10306726
CIE _{Lab}	44.31, 50.95, -36.31
CIE _{LCh}	44, 62.567, 324.526
Yxy	14.0555, 0.3068, 0.1887
Android (android.graphics.Color)	4288496806 (0xFF9D44A6)
YUV	105.7830, 29.6870, 44.9173
Hunter-Lab	37.4907, 43.2066, -33.1954

Details

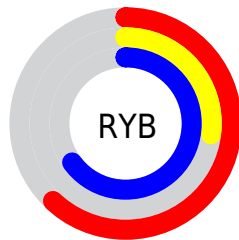
The Hex color **9D44A6** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4DA644**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D679DE**, and **670671** is the 20% darker color. If you saturate the color by 10%, you get **9B33A6**, and if you desaturate by 10%, it is **9F55A6**.

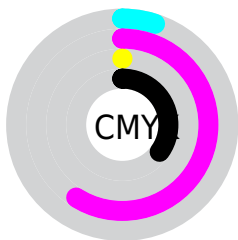
Distribution



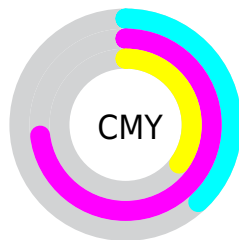
- Red (62%)
- Green (27%)
- Blue (65%)



- Red (62%)
- Yellow (27%)
- Blue (65%)



- Cyan (5%)
- Magenta (59%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (73%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D44A6 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 9D44A6 by changing the saturation by 10% instead.

9D44A6

9D44A6

FFFFFF

82298B

D679DE

670671

F394FA

4C0059

FFB0FF

330041

FFCCFF

1A002A

FFE9FF

000114

000000

9D44A6

9D44A6

9B33A6

9F55A6

9A23A6

A065A6

9812A6

A276A6

9702A6

A386A6

9700A6

A597A6

A6A8A6

A8B8A6

A9C9A6

ABD9A6

Harmonies

Analogous

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



4F5FC8



9D44A6



BF2B75

Triad

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



9D44A6



876300



008093

Complementary

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



9D44A6



4DA644

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.



007F5D



9D44A6



567300

Square

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



9D44A6



AC4C0C



007B26



007CBD

Rectangle

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



9D44A6



C32C52



007B26



008081

Sweetspot

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



9D44A6



D5B2D9



444EA6



6B566E



EDEDED



6E6E6E

Same Dimension

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



9D44A6



CB3FD9



A6447F



534C54



860094



130014

Inverse Universe

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



A6444D



D93F4D



44A66B



544C4D



94000E



140002

Previews

White Background



This preview shows how the Hex color 9D44A6 looks on a white background.

Color Contrast Check

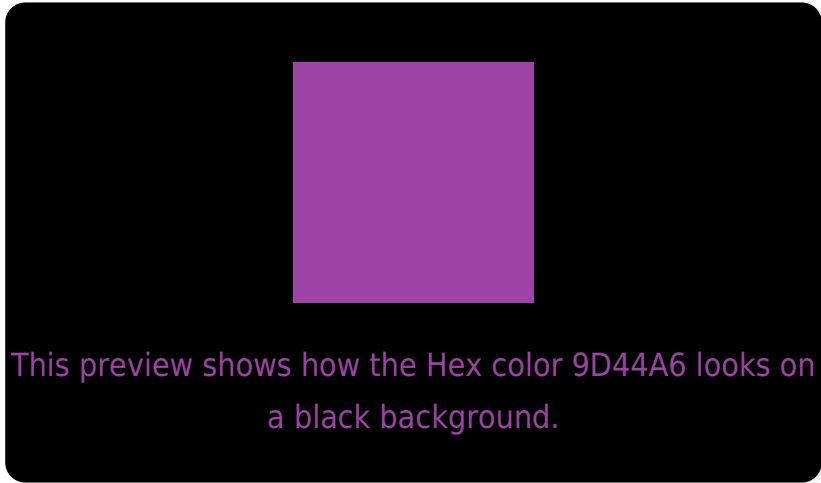
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

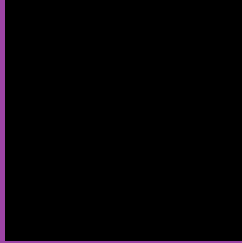
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9D44A6 Background



This preview shows how black text looks on a background with the Hex color 9D44A6.

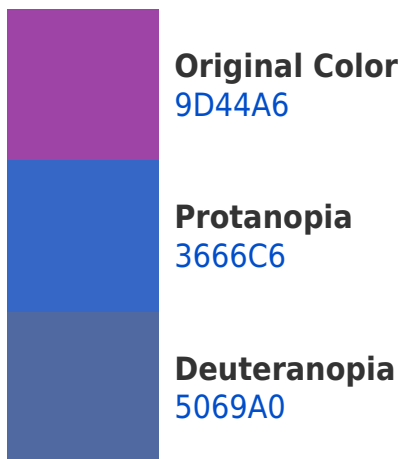


This preview shows how white text looks on a background with the Hex color 9D44A6.

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



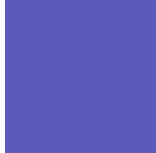


Tritanopia
94585E

Trichromacy



Original Color
9D44A6



Protanomaly
5B5ABA



Deuteranomaly
6C5CA2



Tritanomaly
975178

Monochromacy



Original Color
9D44A6



Achromatopsia
6A6A6A



Achromatomaly
7D5C80

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D44A6 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 #9D44A6 looks like.

```
.text, #text, p{  
    color:#9D44A6  
}
```

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 #9D44A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D44A6
}
```

Border

The CSS property to change the border of an element to Hex 9D44A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

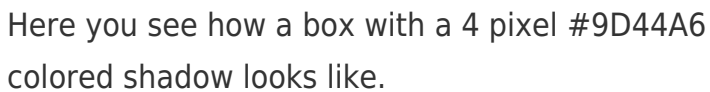
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D44A6 }
```

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

```
.border{ border-color:#9D44A6 }
```

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



Here you see how a box with a 4 pixel #9D44A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D44A6; -webkit-box-shadow:4px 4px  
4px 4px #9D44A6; box-shadow:4px 4px 4px  
4px #9D44A6 }
```

Background

The CSS property to change the background color of an element to Hex 9D44A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D44A6 }
```

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

```
.background{ background-color:#9D44A6 }
```

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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