

Converting Colors

Hex(9D3CA8)

Have a look what the booklet for
Hex(9D3CA8) contains.

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Color

Hex(9D3CA8)

Conversions

Conversions Part 1

Format	Color
Hex	9D3CA8
RGB	157, 60, 168
RGB Percent	62%, 24%, 66%
CMY	0.3843, 0.7647, 0.3412
CMYK	0.07, 0.64, 0.00, 0.34
HSL	294°, 47%, 45%
HSV	294°, 64%, 66%
XYZ	22.5884, 13.2270, 38.4083
YIQ	101.3150, 23.1440, 54.1520

Conversions

Conversions Part 2

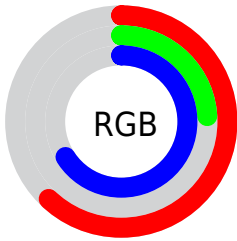
Format	Color
R_{YB}	157, 60, 168
Decimal	10304680
CIE _{Lab}	43.10, 54.95, -39.41
CIE _{LCh}	43, 67.624, 324.352
Yxy	13.2270, 0.3043, 0.1782
Android (android.graphics.Color)	4288494760 (0xFF9D3CA8)
YUV	101.3150, 32.8757, 48.8357
Hunter-Lab	36.3689, 47.2190, -37.1565

Details

The Hex color **9D3CA8** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **47A83C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **D672E0**, and **660073** is the 20% darker color. If you saturate the color by 10%, you get **9B2BA8**, and if you desaturate by 10%, it is **9F4DA8**.

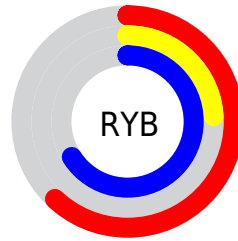
Distribution



Red (62%)

Green (24%)

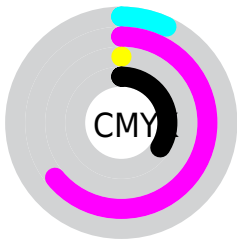
Blue (66%)



Red (62%)

Yellow (24%)

Blue (66%)

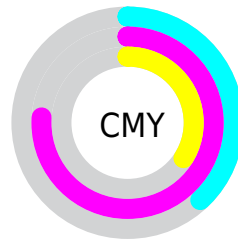


Cyan (7%)

Magenta (64%)

Yellow (0%)

Black (34%)



Cyan (38%)

Magenta (76%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9D3CA8 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 9D3CA8 by changing the saturation by 10% instead.

 9D3CA8

 9D3CA8

FFFFFF

 811F8D

 D672E0

 660073

 F38DFD

 4C005A

 FFA9FF

 330042

 FFC5FF

 17002B

 FFE2FF

 000115

 000000

 9D3CA8

 9D3CA8

 9B2BA8

 9F4DA8

9A1AA8

A05EA8

980AA8

A26EA8

9700A8

A47FA8

A690A8

A7A1A8

A9B2A8

ABC2A8

ACD3A8

Harmonies

Analogous

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



435CCD



9D3CA8



C11873

Triad

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



9D3CA8



856000



007E93

Complementary

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



9D3CA8



47A83C

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.



007D59



9D3CA8



507000

Square

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



9D3CA8



AD4600



00791C



007AC1

Rectangle

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



9D3CA8



C6194E



00791C



007E80

Sweetspot

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



9D3CA8



D7B2DB



3C49A8



6B546E



EDEDED



6E6E6E

Same Dimension

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



9D3CA8



CA32DB



A83C7F



534C54



850094



120014

Inverse Universe

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



A83C47



DB3244



3CA865



544C4D



94000F



140002

Previews

White Background



This preview shows how the Hex color 9D3CA8 looks on a white background.

Color Contrast Check

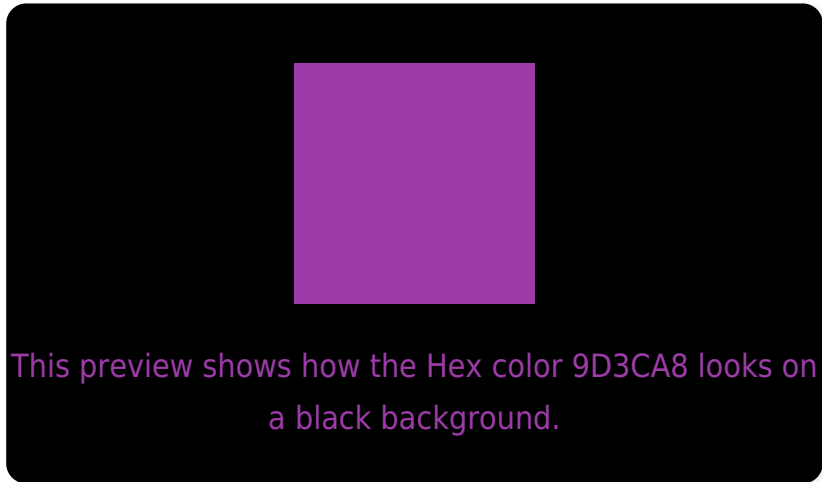
Large Text (above 18pt) WCAG AA ✓ Pass

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

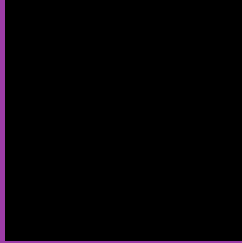
Any Text WCAG AA × Fail

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 9D3CA8 Background



This preview shows how black text looks on a background with the Hex color 9D3CA8.

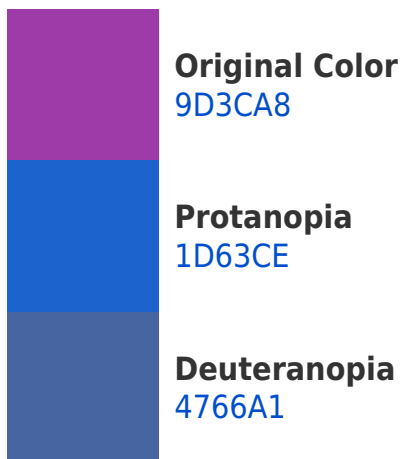



This preview shows how white text looks on a background with the Hex color 9D3CA8.

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
93545A

Trichromacy



Original Color
9D3CA8



Protanomaly
4C55C0



Deuteranomaly
6657A4



Tritanomaly
974B76

Monochromacy



Original Color
9D3CA8



Achromatopsia
656565



Achromatomaly
79567D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D3CA8 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 #9D3CA8 looks like.

```
.text, #text, p{  
    color:#9D3CA8  
}
```

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 #9D3CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3CA8  
}
```

Border

The CSS property to change the border of an element to Hex 9D3CA8 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  
#9D3CA8 }
```

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

```
.border{ border-color:#9D3CA8 }
```

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

Here you see how a box with a 4 pixel #9D3CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3CA8; -webkit-box-shadow:4px 4px  
4px 4px #9D3CA8; box-shadow:4px 4px 4px  
4px #9D3CA8 }
```

Background

The CSS property to change the background color of an element to Hex 9D3CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3CA8 }
```

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

```
.background{ background-color:#9D3CA8 }
```

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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