

Converting Colors

Hex(9D28A7)

Have a look what the booklet for
Hex(9D28A7) contains.

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Color

Hex(9D28A7)

Conversions

Conversions Part 1

Format	Color
Hex	9D28A7
RGB	157, 40, 167
RGB Percent	62%, 16%, 65%
CMY	0.3843, 0.8431, 0.3451
CMYK	0.06, 0.76, 0.00, 0.35
HSL	295°, 61%, 41%
HSV	295°, 76%, 65%
XYZ	21.6385, 11.4757, 37.6338
YIQ	89.4610, 28.9650, 64.3010

Conversions

Conversions Part 2

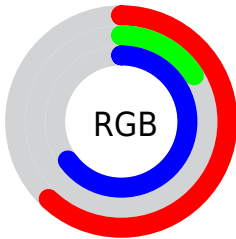
Format	Color
R _{YB}	157, 40, 167
Decimal	10299559
CIE Lab	40.37, 62.33, -43.17
CIE LCh	40, 75.817, 325.294
Yxy	11.4757, 0.3059, 0.1622
Android (android.graphics.Color)	4288489639 (0xFF9D28A7)
YUV	89.4610, 38.2267, 59.2317
Hunter-Lab	33.8758, 54.7358, -42.1542

Details

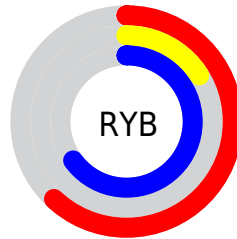
The Hex color **9D28A7** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **32A728**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D762DF**, and **650072** is the 20% darker color. If you saturate the color by 10%, you get **9C17A7**, and if you desaturate by 10%, it is **9E39A7**.

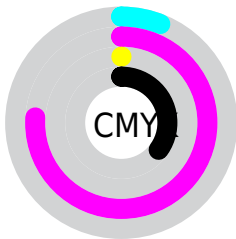
Distribution



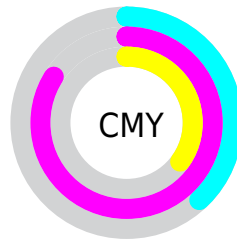
- Red (62%)
- Green (16%)
- Blue (65%)



- Red (62%)
- Yellow (16%)
- Blue (65%)



- Cyan (6%)
- Magenta (76%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (84%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9D28A7 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 9D28A7 by changing the saturation by 10% instead.

 9D28A7

 9D28A7

FFFFFF

 81008C

 D762DF

 650072


 F47EFC

 4A0059

 FF9AFF

 330041

 FFB7FF

 11002A

 FFD3FF

 000114

 FFF1FF

 000000

 9D28A7

 9D28A7

 9C17A7

 9E39A7

 9A07A7

 A049A7

 9A00A7

 A15AA7

 A26BA7

 A47BA7

 A58CA7

 A69DA7

 A8AEA7

 A9BEA7

Harmonies

Analogous

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



3053D1



9D28A7



C3006C

Triad

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



9D28A7



7D5A00



007893

Complementary

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



9D28A7



32A728

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.



007753



9D28A7



416B00

Square

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



9D28A7



A93A00



007306



0075C6

Rectangle

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



9D28A7



C70043



007306



00787E

Sweetspot

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



9D28A7



D5A7D9



2833A7



6B4F6E



EDEDED



6E6E6E

Same Dimension

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



9D28A7



C914D9



A72872



534C54



880094



130014

Inverse Universe

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



A72832



D91423



28A75D



544C4C



94000C



140002

Previews

White Background



This preview shows how the Hex color 9D28A7 looks on a white background.

Color Contrast Check

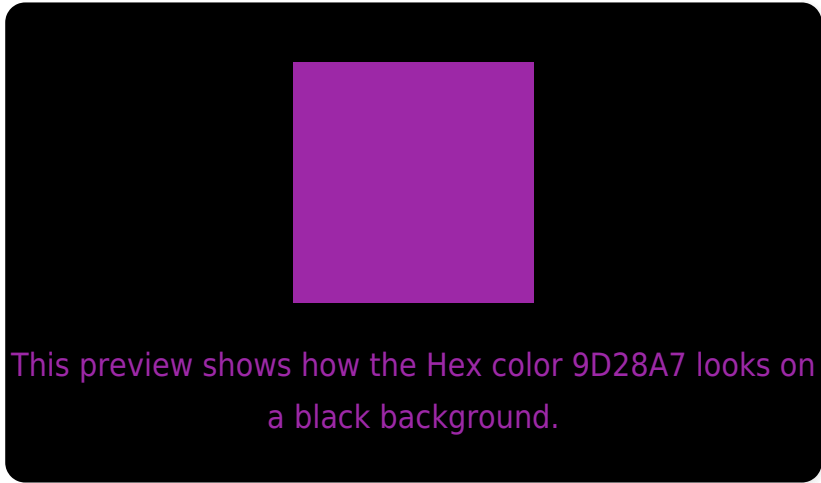
Large Text (above 18pt) WCAG AA ✓ Pass

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

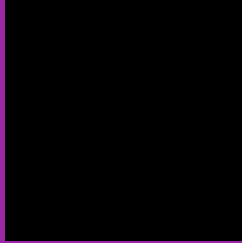
Any Text WCAG AA × Fail

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 9D28A7 Background



This preview shows how black text looks on a background with the Hex color 9D28A7.

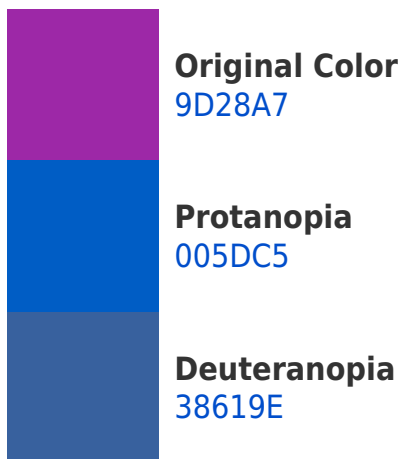



This preview shows how white text looks on a background with the Hex color 9D28A7.

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
92494F

Trichromacy



Original Color
9D28A7



Protanomaly
394ABA



Deuteranomaly
5D4CA1



Tritanomaly
963D6F

Monochromacy



Original Color
9D28A7



Achromatopsia
595959



Achromatomaly
724775

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D28A7 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 #9D28A7 looks like.

```
.text, #text, p{  
    color:#9D28A7  
}
```

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 #9D28A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D28A7
}
```

Border

The CSS property to change the border of an element to Hex 9D28A7 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
#9D28A7 }
```

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

```
.border{ border-color:#9D28A7 }
```

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

Here you see how a box with a 4 pixel #9D28A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D28A7; -webkit-box-shadow:4px 4px  
4px 4px #9D28A7; box-shadow:4px 4px 4px  
4px #9D28A7 }
```

Background

The CSS property to change the background color of an element to Hex 9D28A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D28A7 }
```

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

```
.background{ background-color:#9D28A7 }
```

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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