

Converting Colors

Hex(9812AF)

Have a look what the booklet for
Hex(9812AF) contains.

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Color

Hex(9812AF)

Conversions

Conversions Part 1

Format	Color
Hex	9812AF
RGB	152, 18, 175
RGB Percent	60%, 7%, 69%
CMY	0.4039, 0.9294, 0.3137
CMYK	0.13, 0.90, 0.00, 0.31
HSL	291°, 81%, 38%
HSV	291°, 90%, 69%
XYZ	20.9031, 10.2032, 41.4251
YIQ	75.9640, 29.4670, 77.2350

Conversions

Conversions Part 2

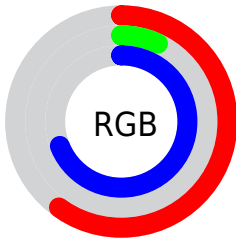
Format	Color
R_{YB}	152, 18, 175
Decimal	9966255
CIE _{Lab}	38.20, 68.16, -51.46
CIE _{LCh}	38, 85.411, 322.947
Yxy	10.2032, 0.2882, 0.1407
Android (android.graphics.Color)	4288156335 (0xFF9812AF)
YUV	75.9640, 48.8247, 66.6836
Hunter-Lab	31.9424, 60.9111, -54.5318

Details

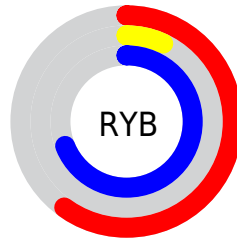
The Hex color **9812AF** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **29AF12**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **D256E7**, and **600079** is the 20% darker color. If you saturate the color by 10%, you get **9501AF**, and if you desaturate by 10%, it is **9B24AF**.

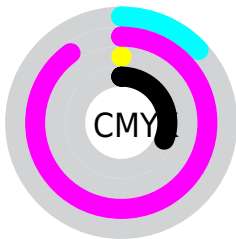
Distribution



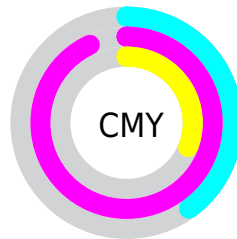
- Red (60%)
- Green (7%)
- Blue (69%)



- Red (60%)
- Yellow (7%)
- Blue (69%)



- Cyan (13%)
- Magenta (90%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (93%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9812AF 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 9812AF by changing the saturation by 10% instead.

9812AF

9812AF

FFFFFF

7C0094

D256E7

600079

F073FF

440060

FF8FFF

2A0048

FFABFF

000030

FFC8FF

00011A

FFE6FF

000000

9812AF

9812AF

9501AF

9B24AF

9500AF

9D35AF

A047AF

A258AF

A56AAF

A77BAF

AA8DAF

AD9EAF

AFB0AF

Harmonies

Analogous

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



0050DD



9812AF



C6006D

Triad

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



9812AF



7C5200



00748F

Complementary

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



9812AF



29AF12

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.



007347



9812AF



396600

Square

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



9812AF



AC2700



006F00



0073CA

Rectangle

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



9812AF



CB0040



006F00



007477

Sweetspot

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



9812AF



DAA6E3



122AAF



6D4E73



F2F2F2



737373

Same Dimension

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



9812AF



C200E3



AF1278



554E57



800096



140017

Inverse Universe

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



AF1229



E30021



12AF49



574E4F



960016



170003

Previews

White Background



This preview shows how the Hex color 9812AF looks on a white background.

Color Contrast Check

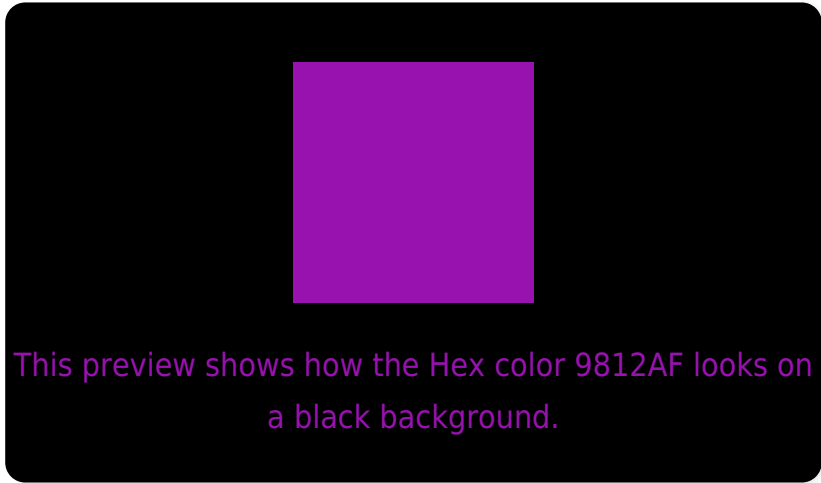
Large Text (above 18pt) WCAG AA ✓ Pass

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

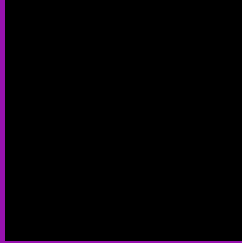
Any Text WCAG AA × Fail

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 9812AF Background



This preview shows how black text looks on a background with the Hex color 9812AF.

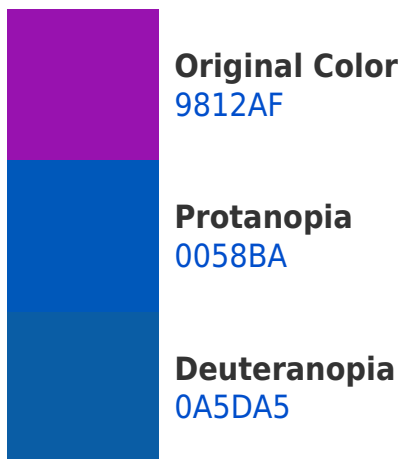


This preview shows how white text looks on a background with the Hex color 9812AF.

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
8B464B

Trichromacy



Original Color
9812AF



Protanomaly
373FB6



Deuteranomaly
3E42A9



Tritanomaly
90336F

Monochromacy



Original Color
9812AF



Achromatopsia
4C4C4C



Achromatomaly
683770

CSS Examples

Text

The CSS property to change the color of the text to Hex 9812AF 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 #9812AF looks like.

```
.text, #text, p{  
    color:#9812AF  
}
```

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 #9812AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9812AF
}
```

Border

The CSS property to change the border of an element to Hex 9812AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

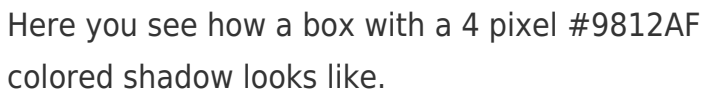
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9812AF }
```

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

```
.border{ border-color:#9812AF }
```

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



Here you see how a box with a 4 pixel #9812AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9812AF; -webkit-box-shadow:4px 4px  
4px 4px #9812AF; box-shadow:4px 4px 4px  
4px #9812AF }
```

Background

The CSS property to change the background color of an element to Hex 9812AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9812AF }
```

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

```
.background{ background-color:#9812AF }
```

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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