

Converting Colors

Hex(9C12BA)

Have a look what the booklet for
Hex(9C12BA) contains.

Hex(9C12BA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C12BA)

Conversions

Conversions Part 1

Format	Color
Hex	9C12BA
RGB	156, 18, 186
RGB Percent	61%, 7%, 73%
CMY	0.3882, 0.9294, 0.2706
CMYK	0.16, 0.90, 0.00, 0.27
HSL	289°, 82%, 40%
HSV	289°, 90%, 73%
XYZ	22.7895, 11.0457, 47.3853
YIQ	78.4140, 28.3200, 81.5040

Conversions

Conversions Part 2

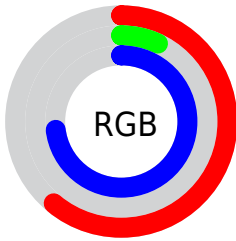
Format	Color
R _Y B	156, 18, 186
Decimal	10228410
CIE Lab	39.66, 70.72, -55.60
CIE LCh	40, 89.962, 321.826
Yxy	11.0457, 0.2806, 0.1360
Android (android.graphics.Color)	4288418490 (0xFF9C12BA)
YUV	78.4140, 53.0399, 68.0429
Hunter-Lab	33.2351, 64.2374, -61.2688

Details

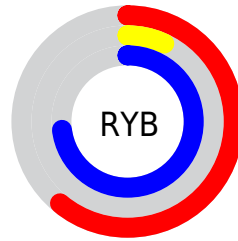
The Hex color **9C12BA** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **30BA12**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **D757F3**, and **630084** is the 20% darker color. If you saturate the color by 10%, you get **9900BA**, and if you desaturate by 10%, it is **9F25BA**.

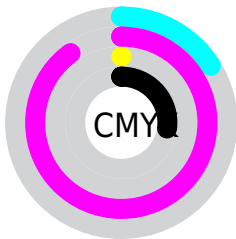
Distribution



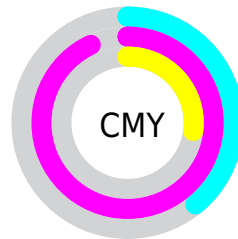
- Red (61%)
- Green (7%)
- Blue (73%)



- Red (61%)
- Yellow (7%)
- Blue (73%)



- Cyan (16%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C12BA 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 9C12BA by changing the saturation by 10% instead.

 9C12BA

 9C12BA

FFFFFF

 7F009F

 D757F3

 630084

 F574FF

 47006A

 FF91FF

 2E0051

 FFADFF

 060039

 FFCBFF

 000222

 FFE8FF

 000008

 000000

 9C12BA

 9C12BA

■ 9900BA

■ 9F25BA

■ A337BA

■ A64ABA

■ A95CBA

■ AD6FBA

■ B082BA

■ B394BA

■ B7A7BA

■ BAB9BA

Harmonies

Analogous

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



0054E9



9C12BA



CE0075

Triad

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



9C12BA



835400



007993

Complementary

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



9C12BA



30BA12

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.



007746



9C12BA



3D6900

Square

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



9C12BA



B62300



007300



0078D2

Rectangle

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



9C12BA



D50045



007300



00797A

Sweetspot

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



9C12BA



E7B1F2



1231BA



73537A



FAFAFA



7A7A7A

Same Dimension

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



9C12BA



C700F2



BA1285



5A535C



80009C



17001C

Inverse Universe

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



BA1230



F2002B



12BA47



5C5354



9C001C



1C0005

Previews

White Background



This preview shows how the Hex color 9C12BA 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

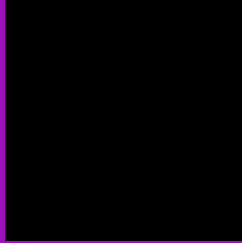
Any Text WCAG AA × Fail

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 9C12BA Background



This preview shows how black text looks on a background with the Hex color 9C12BA.

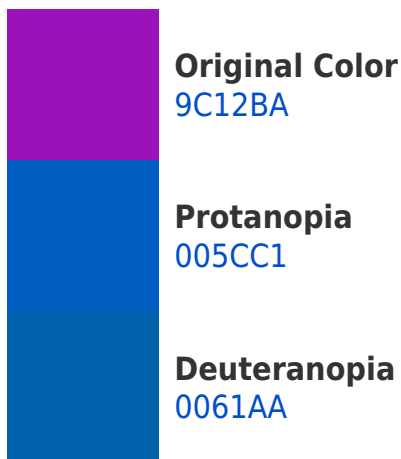


This preview shows how white text looks on a background with the Hex color 9C12BA.

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](#).

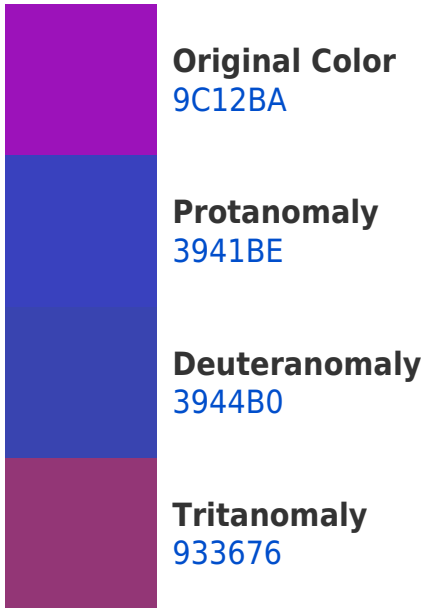
Dichromacy



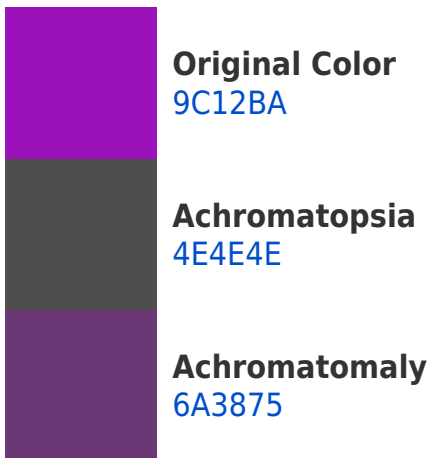


Tritanopia
8E4A4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C12BA 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 #9C12BA looks like.

```
.text, #text, p{  
    color:#9C12BA  
}
```

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 #9C12BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C12BA
}
```

Border

The CSS property to change the border of an element to Hex 9C12BA 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
#9C12BA }
```

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

```
.border{ border-color:#9C12BA }
```

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

Here you see how a box with a 4 pixel #9C12BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C12BA; -webkit-box-shadow:4px 4px  
4px 4px #9C12BA; box-shadow:4px 4px 4px  
4px #9C12BA }
```

Background

The CSS property to change the background color of an element to Hex 9C12BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C12BA }
```

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

```
.background{ background-color:#9C12BA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor