

Converting Colors

Hex(9A21CA)

Have a look what the booklet for
Hex(9A21CA) contains.

Hex(9A21CA)	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(9A21CA)

Conversions

Conversions Part 1

Format	Color
Hex	9A21CA
RGB	154, 33, 202
RGB Percent	60%, 13%, 79%
CMY	0.3961, 0.8706, 0.2078
CMYK	0.24, 0.84, 0.00, 0.21
HSL	283°, 72%, 46%
HSV	283°, 84%, 79%
XYZ	24.5310, 12.2220, 56.9433
YIQ	88.4450, 17.8670, 78.2110

Conversions

Conversions Part 2

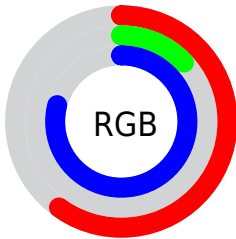
Format	Color
RYB	154, 33, 202
Decimal	10101194
CIELab	41.57, 70.21, -61.88
CIELCh	42, 93.589, 318.608
Yxy	12.2220, 0.2618, 0.1304
Android (android.graphics.Color)	4288291274 (0xFF9A21CA)
YUV	88.4450, 55.9826, 57.4917
Hunter-Lab	34.9600, 64.0711, -72.1003

Details

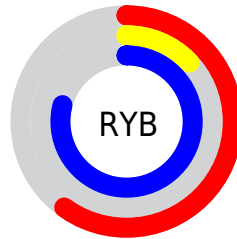
The Hex color **9A21CA** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **51CA21**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D55FFF**, and **600093** is the 20% darker color. If you saturate the color by 10%, you get **940DCA**, and if you desaturate by 10%, it is **A035CA**.

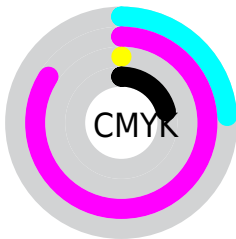
Distribution



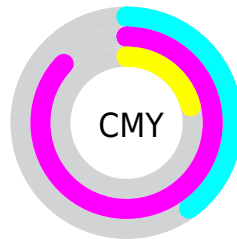
- Red (60%)
- Green (13%)
- Blue (79%)



- Red (60%)
- Yellow (13%)
- Blue (79%)



- Cyan (24%)
- Magenta (84%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (87%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A21CA 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 9A21CA by changing the saturation by 10% instead.

 9A21CA

 9A21CA

FFFFFF

 7D00AE

 D55FFF

 600093

 F37CFF

 430078

 FF98FF

 28005F

 FFB5FF

 000046

 FFD2FF

 00042E

 FFEFFF

 000119

 000000

 9A21CA

 9A21CA

■ 940DCA

■ A035CA

■ 9100CA

■ A549CA

■ AB5ECA

■ B172CA

■ B786CA

■ BC9ACA

■ C2AECA

■ C8C3CA

■ CED7CA

Harmonies

Analogous

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



005DF8



9A21CA



D50083

Triad

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



9A21CA



905400



007F92

Complementary

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



9A21CA



51CA21

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.



007D41



9A21CA



4A6D00

Square

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



9A21CA



C31900



007800



007ED7

Rectangle

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



9A21CA



E00050



007800



007E77

Sweetspot

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



9A21CA



EDBFFF



2154CA



755980



000000



808080

Same Dimension

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



9A21CA



B700FF



CA21A8



635C66



7700A6



1B0026

Inverse Universe

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



CA2151



FF0048



21CA43



665C5F



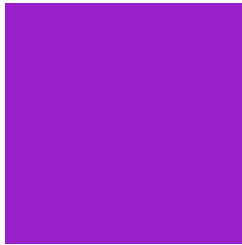
A6002F



26000B

Previews

White Background



This preview shows how the Hex color 9A21CA 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

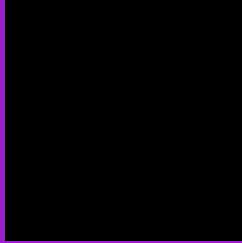
Any Text WCAG AA × Fail

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 9A21CA Background



This preview shows how black text looks on a background with the Hex color 9A21CA.

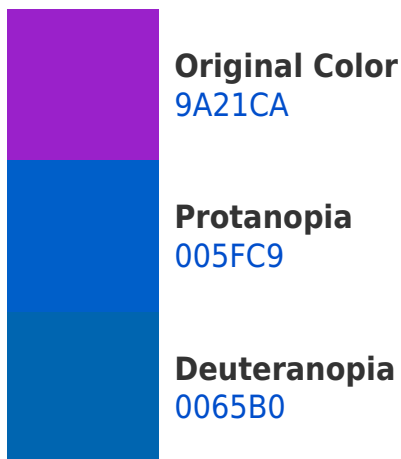



This preview shows how white text looks on a background with the Hex color 9A21CA.

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](#).

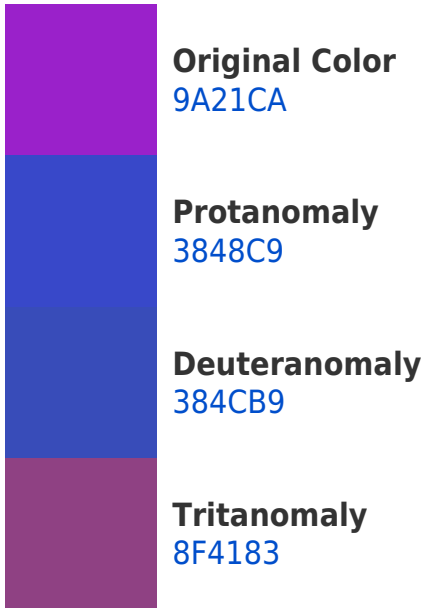
Dichromacy



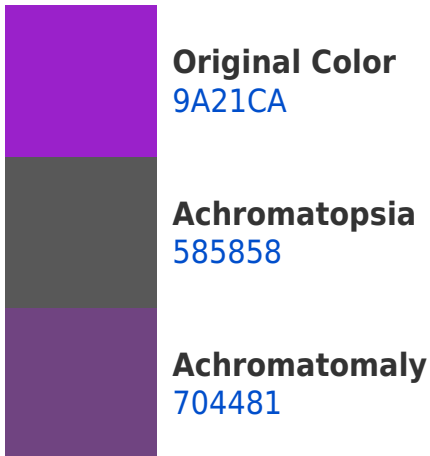


Tritanopia
89535A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A21CA 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 #9A21CA looks like.

```
.text, #text, p{  
    color:#9A21CA  
}
```

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 #9A21CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A21CA
}
```

Border

The CSS property to change the border of an element to Hex 9A21CA 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".

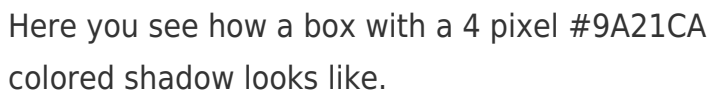
```
.border, #border, table{ border:4px solid
#9A21CA }
```

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

```
.border{ border-color:#9A21CA }
```

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

Here you see how a box with a 4 pixel #9A21CA colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A21CA; -webkit-box-shadow:4px 4px  
4px 4px #9A21CA; box-shadow:4px 4px 4px  
4px #9A21CA }
```

Background

The CSS property to change the background color of an element to Hex 9A21CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A21CA }
```

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

```
.background{ background-color:#9A21CA }
```

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