

Converting Colors

Hex(9A33CD)

Have a look what the booklet for
Hex(9A33CD) contains.

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Color

Hex(9A33CD)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9A33CD |
| RGB | 154, 51, 205 |
| RGB Percent | 60%, 20%, 80% |
| CMY | 0.3961, 0.8000, 0.1961 |
| CMYK | 0.25, 0.75, 0.00, 0.20 |
| HSL | 280°, 61%, 50% |
| HSV | 280°, 75%, 80% |
| XYZ | 25.5297, 13.6455, 59.0459 |
| YIQ | 99.3530, 11.9540, 69.7300 |

Conversions

Conversions Part 2

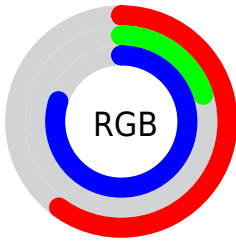
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 154, 51, 205 |
| Decimal | 10105805 |
| CIE _{Lab} | 43.72, 65.19, -60.13 |
| CIE _{LCh} | 44, 88.687, 317.313 |
| Yxy | 13.6455, 0.2599, 0.1389 |
| Android (android.graphics.Color) | 4288295885 (0xFF9A33CD) |
| YUV | 99.3530, 52.0840, 47.9254 |
| Hunter-Lab | 36.9398, 58.7198, -68.9135 |

Details

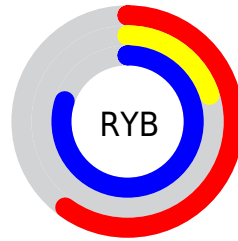
The Hex color **9A33CD** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **66CD33**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D46CFF**, and **610096** is the 20% darker color. If you saturate the color by 10%, you get **931ECD**, and if you desaturate by 10%, it is **A147CD**.

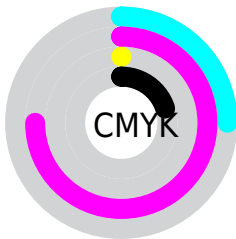
Distribution



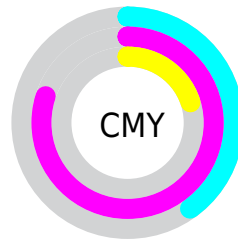
- Red (60%)
- Green (20%)
- Blue (80%)



- Red (60%)
- Yellow (20%)
- Blue (80%)



- Cyan (25%)
- Magenta (75%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A33CD 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 9A33CD by changing the saturation by 10% instead.

 9A33CD

 9A33CD

FFFFFF

 7D0EB1

 D46CFF

 610096

 F287FF

 44007B

 FFA3FF

 270061

 FFC0FF

 000049

 FFDDFF

 000431

 FFFAFF

 00011B

 000000

 9A33CD

 9A33CD

■ 931ECD

■ A147CD

■ 8C0ACD

■ A85CCD

■ 8900CD

■ AE70CD

■ B585CD

■ BC99CD

■ C3AECD

■ CAC3CD

■ D0D7CD

■ D7EBCD

Harmonies

Analogous

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



0063F7



9A33CD



D5008A

Triad

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



9A33CD



985900



008492

Complementary

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



9A33CD



66CD33

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.



008244



9A33CD



567100

Square

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



9A33CD



C82700



007D00



0083D4

Rectangle

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



9A33CD



E10059



007D00



008378

Sweetspot

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



9A33CD



ECC4FF



3366CD



745C80



000000



808080

Same Dimension

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



9A33CD



B319FF



CD33B3



635C66



6F00A6



1A0026

Inverse Universe

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



CD3366



FF1966



33CD4D



665C5F



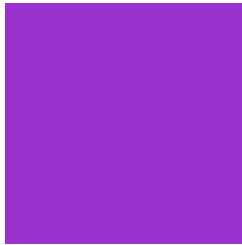
A60037



26000D

Previews

White Background



This preview shows how the Hex color 9A33CD looks on a white background.

Color Contrast Check

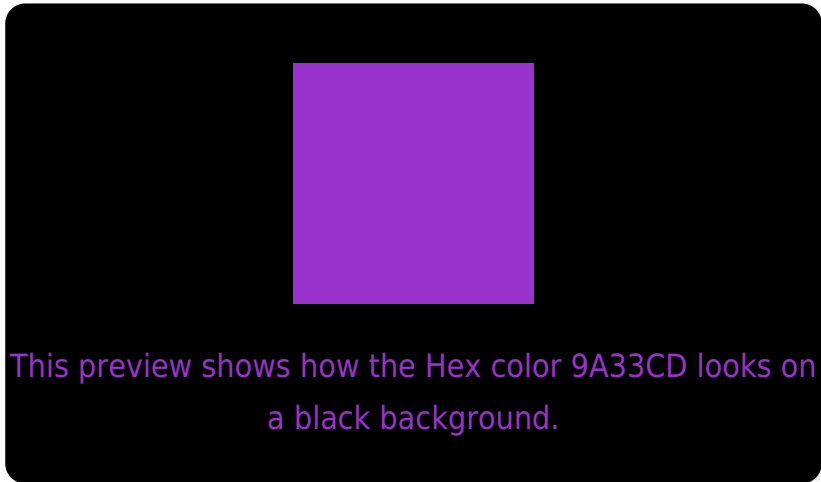
Large Text (above 18pt) WCAG AA ✓ Pass

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

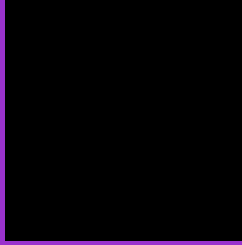
Any Text WCAG AA × Fail

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 9A33CD Background



This preview shows how black text looks on a background with the Hex color 9A33CD.

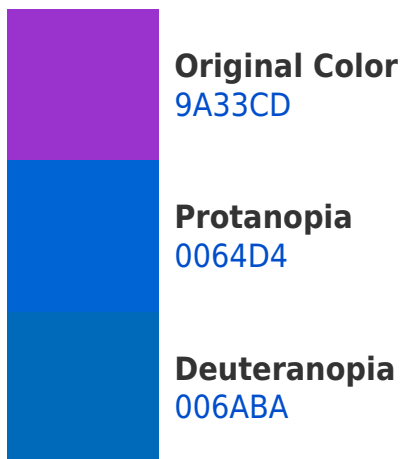


This preview shows how white text looks on a background with the Hex color 9A33CD.

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](#).

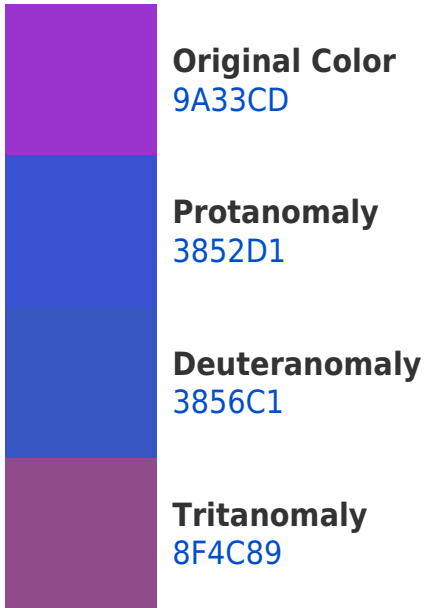
Dichromacy



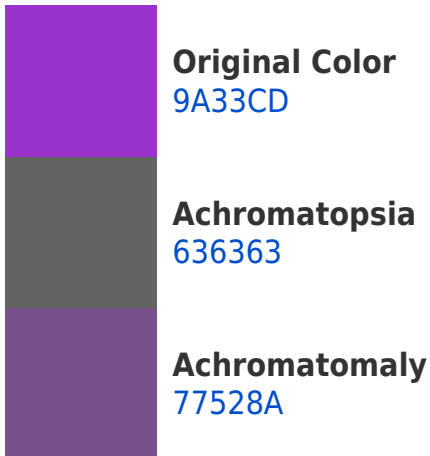


Tritanopia
895B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A33CD 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 #9A33CD looks like.

```
.text, #text, p{  
    color:#9A33CD  
}
```

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 #9A33CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A33CD
}
```

Border

The CSS property to change the border of an element to Hex 9A33CD 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".

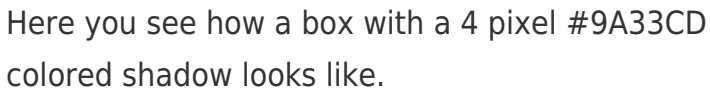
```
.border, #border, table{ border:4px solid
#9A33CD }
```

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

```
.border{ border-color:#9A33CD }
```

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

Here you see how a box with a 4 pixel #9A33CD 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 #9A33CD; -webkit-box-shadow:4px 4px  
4px 4px #9A33CD; box-shadow:4px 4px 4px  
4px #9A33CD }
```

Background

The CSS property to change the background color of an element to Hex 9A33CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A33CD }
```

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

```
.background{ background-color:#9A33CD }
```

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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