

Converting Colors

Hex(9E33AB)

Have a look what the booklet for
Hex(9E33AB) contains.

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Color

Hex(9E33AB)

Conversions

Conversions Part 1

Format	Color
Hex	9E33AB
RGB	158, 51, 171
RGB Percent	62%, 20%, 67%
CMY	0.3804, 0.8000, 0.3294
CMYK	0.08, 0.70, 0.00, 0.33
HSL	294°, 54%, 44%
HSV	294°, 70%, 67%
XYZ	22.6351, 12.5770, 39.7627
YIQ	96.6730, 25.2520, 60.0040

Conversions

Conversions Part 2

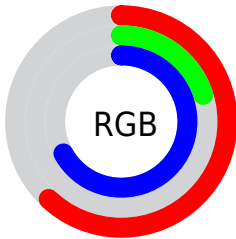
Format	Color
R_{YB}	158, 51, 171
Decimal	10367915
CIE _{Lab}	42.12, 59.41, -42.75
CIE _{LCh}	42, 73.192, 324.261
Yxy	12.5770, 0.3019, 0.1678
Android (android.graphics.Color)	4288557995 (0xFF9E33AB)
YUV	96.6730, 36.6432, 53.7838
Hunter-Lab	35.4641, 51.8659, -41.6516

Details

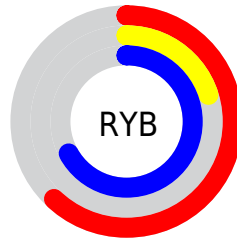
The Hex color **9E33AB** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **40AB33**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D76BE3**, and **670076** is the 20% darker color. If you saturate the color by 10%, you get **9C22AB**, and if you desaturate by 10%, it is **A044AB**.

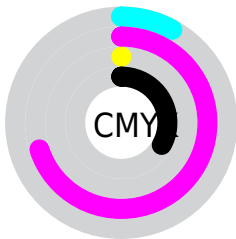
Distribution



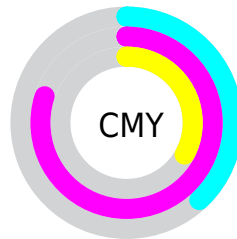
- Red (62%)
- Green (20%)
- Blue (67%)



- Red (62%)
- Yellow (20%)
- Blue (67%)



- Cyan (8%)
- Magenta (70%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E33AB 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 9E33AB by changing the saturation by 10% instead.

9E33AB

9E33AB

FFFFFF

821090

D76BE3

670076

F586FF

4C005D

FFA2FF

330045

FFBFFF

15002D

FFDBFF

000117

FFF9FF

000000

9E33AB

9E33AB

9C22AB

A044AB

■ 9A11AB

■ A255AB

■ 9800AB

■ A466AB

■ A577AB

■ A788AB

■ A99AAB

■ ABABAB

■ ADBCAB

■ AFCDAB

Harmonies

Analogous

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



3559D3



9E33AB



C50072

Triad

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



9E33AB



845D00



007C94

Complementary

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



9E33AB



40AB33

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.



007B56



9E33AB



4A6E00

Square

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



9E33AB



AE4000



00770F



0079C6

Rectangle

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



9E33AB



CA004A



00770F



007C80

Sweetspot

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



9E33AB



D9AFDE



3341AB



6D5470



F0F0F0



707070

Same Dimension

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



9E33AB



CA23DE



AB337D



564E57



860096



140017

Inverse Universe

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



AB3340



DE2338



33AB61



574E4F



960010



170002

Previews

White Background



This preview shows how the Hex color 9E33AB looks on a white background.

Color Contrast Check

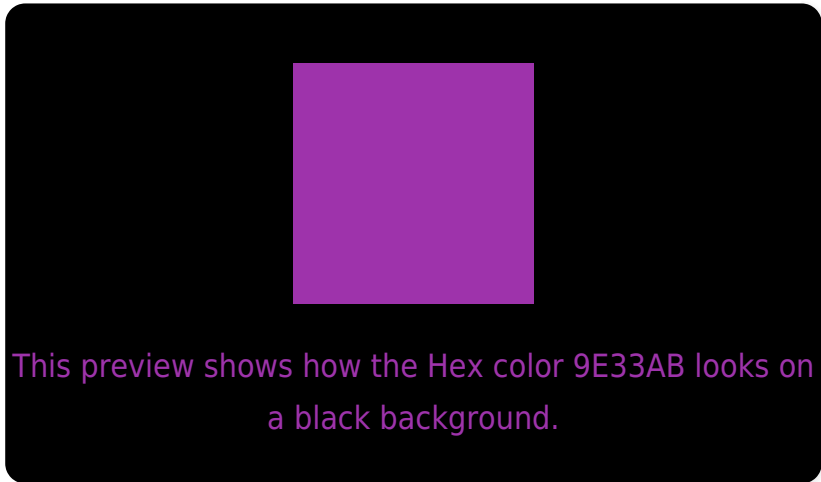
Large Text (above 18pt) WCAG AA ✓ Pass

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

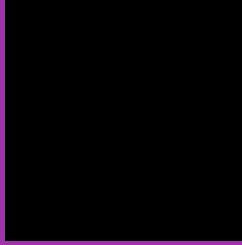
Any Text WCAG AA × Fail

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 9E33AB Background



This preview shows how black text looks on a background with the Hex color 9E33AB.

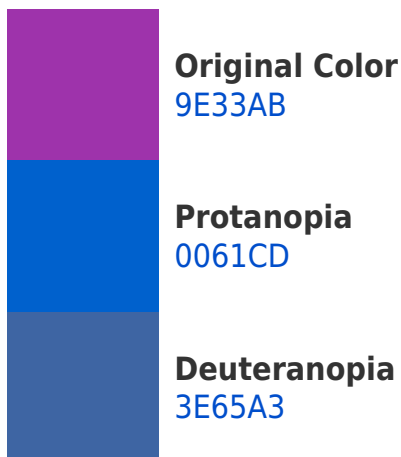


This preview shows how white text looks on a background with the Hex color 9E33AB.

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](#).

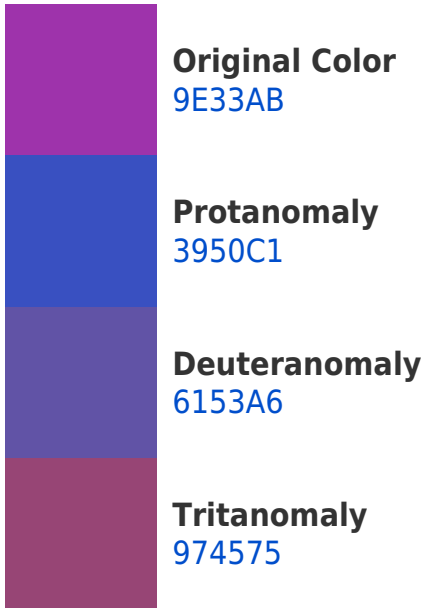
Dichromacy



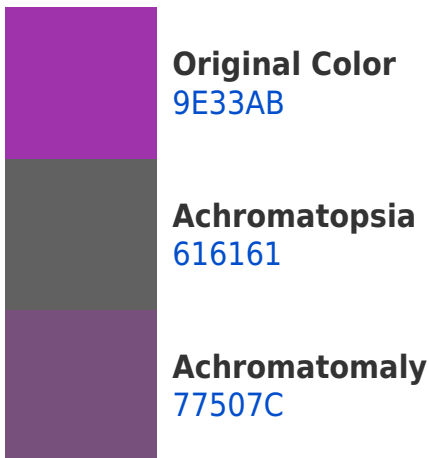


Tritanopia
935056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E33AB 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 #9E33AB looks like.

```
.text, #text, p{  
    color:#9E33AB  
}
```

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 #9E33AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E33AB
}
```

Border

The CSS property to change the border of an element to Hex 9E33AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

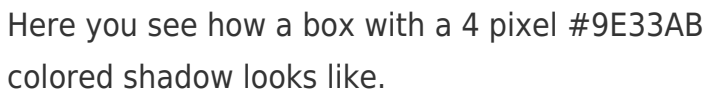
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E33AB }
```

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

```
.border{ border-color:#9E33AB }
```

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



Here you see how a box with a 4 pixel #9E33AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E33AB; -webkit-box-shadow:4px 4px  
4px 4px #9E33AB; box-shadow:4px 4px 4px  
4px #9E33AB }
```

Background

The CSS property to change the background color of an element to Hex 9E33AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E33AB }
```

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

```
.background{ background-color:#9E33AB }
```

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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