

Converting Colors

Hex(9A3A9A)

Have a look what the booklet for
Hex(9A3A9A) contains.

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Color

Hex(9A3A9A)

Conversions

Conversions Part 1

Format	Color
Hex	9A3A9A
RGB	154, 58, 154
RGB Percent	60%, 23%, 60%
CMY	0.3961, 0.7725, 0.3961
CMYK	0.00, 0.62, 0.00, 0.40
HSL	300°, 45%, 42%
HSV	300°, 62%, 60%
XYZ	20.6722, 12.2292, 31.8428
YIQ	97.6480, 26.4000, 50.2080

Conversions

Conversions Part 2

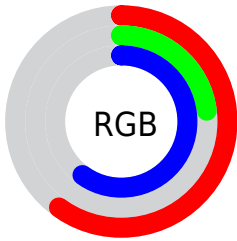
Format	Color
RYB	154, 58, 154
Decimal	10107546
CIELab	41.58, 52.51, -33.48
CIELCh	42, 62.275, 327.477
Yxy	12.2292, 0.3193, 0.1889
Android (android.graphics.Color)	4288297626 (0xFF9A3A9A)
YUV	97.6480, 27.7815, 49.4207
Hunter-Lab	34.9703, 44.3197, -29.5082

Details

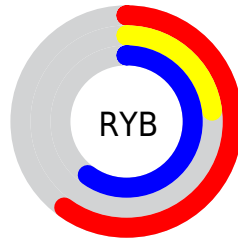
The Hex color **9A3A9A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3A9A3A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D370D1**, and **640066** is the 20% darker color. If you saturate the color by 10%, you get **9A2B9A**, and if you desaturate by 10%, it is **9A499A**.

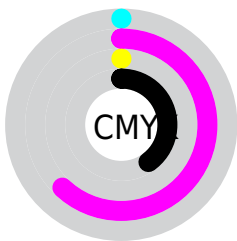
Distribution



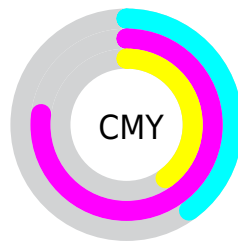
- Red (60%)
- Green (23%)
- Blue (60%)



- Red (60%)
- Yellow (23%)
- Blue (60%)



- Cyan (0%)
- Magenta (62%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (77%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A3A9A 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 9A3A9A by changing the saturation by 10% instead.

 9A3A9A

 9A3A9A

FFFFFF

 7F1D80

 D370D1

 640066

 F08BED

 49004E

 FFA6FF

 320037

 FFC2FF

 120020

 FFDFFF

 000004

 FFFCFF

 000000

 9A3A9A

 9A3A9A

 9A2B9A

 9A499A

 9A1B9A

 9A599A

 9A0C9A

 9A689A

 9A009A

 9A789A

 9A879A

 9A969A

 9AA69A

 9AB59A

 9AC59A

Harmonies

Analogous

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



5256BE



9A3A9A



B82169

Triad

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



9A3A9A



7B5F00



007890

Complementary

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



9A3A9A



3A9A3A

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.



00785C



9A3A9A



496D00

Square

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



9A3A9A



A14800



007426



0074B9

Rectangle

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



9A3A9A



BA2447



007426



007880

Sweetspot

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



9A3A9A



C9A3C9



3A3A9A



664F66



E6E6E6



666666

Same Dimension

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



9A3A9A



C932C9



9A3A6A



4D454D



8C008C



0D000D

Inverse Universe

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



9A3A9A



C932C9



3A9A6A



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 9A3A9A looks on a white background.

Color Contrast Check

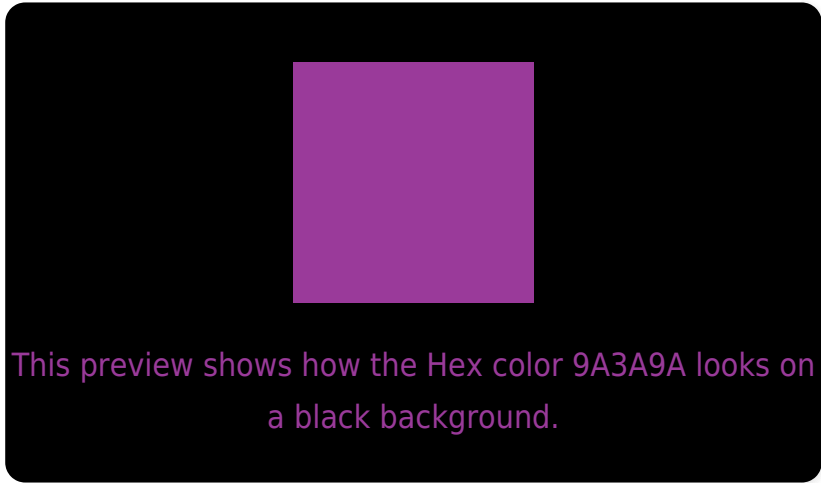
Large Text (above 18pt) WCAG AA ✓ Pass

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

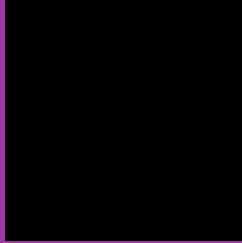
Any Text WCAG AA × Fail

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 9A3A9A Background



This preview shows how black text looks on a background with the Hex color 9A3A9A.

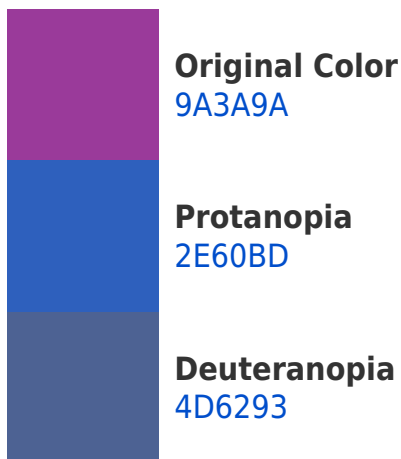



This preview shows how white text looks on a background with the Hex color 9A3A9A.

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
924E54

Trichromacy



Original Color
9A3A9A



Protanomaly
5552B0



Deuteranomaly
695396



Tritanomaly
95476D

Monochromacy



Original Color
9A3A9A



Achromatopsia
626262



Achromatomaly
765376

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A3A9A 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 #9A3A9A looks like.

```
.text, #text, p{  
    color:#9A3A9A  
}
```

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 #9A3A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3A9A
}
```

Border

The CSS property to change the border of an element to Hex 9A3A9A 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
#9A3A9A }
```

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

```
.border{ border-color:#9A3A9A }
```

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

Here you see how a box with a 4 pixel #9A3A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3A9A; -webkit-box-shadow:4px 4px  
4px 4px #9A3A9A; box-shadow:4px 4px 4px  
4px #9A3A9A }
```

Background

The CSS property to change the background color of an element to Hex 9A3A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3A9A }
```

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

```
.background{ background-color:#9A3A9A }
```

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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