

Converting Colors

Hex(9A3E80)

Have a look what the booklet for
Hex(9A3E80) contains.

Hex(9A3E80)	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(9A3E80)

Conversions

Conversions Part 1

Format	Color
Hex	9A3E80
RGB	154, 62, 128
RGB Percent	60%, 24%, 50%
CMY	0.3961, 0.7569, 0.4980
CMYK	0.00, 0.60, 0.17, 0.40
HSL	317°, 43%, 42%
HSV	317°, 60%, 60%
XYZ	18.9453, 11.8738, 21.7154
YIQ	97.0320, 33.6460, 40.0300

Conversions

Conversions Part 2

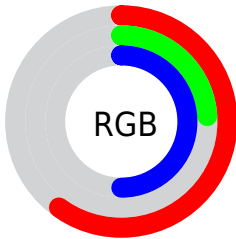
Format	Color
RYB	154, 62, 128
Decimal	10108544
CIELab	41.01, 46.32, -18.55
CIELCh	41, 49.896, 338.175
Yxy	11.8738, 0.3606, 0.2260
Android (android.graphics.Color)	4288298624 (0xFF9A3E80)
YUV	97.0320, 15.2672, 49.9609
Hunter-Lab	34.4584, 37.8378, -13.2433

Details

The Hex color **9A3E80** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3E9A58**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D372B5**, and **64004F** is the 20% darker color. If you saturate the color by 10%, you get **9A2F7C**, and if you desaturate by 10%, it is **9A4D84**.

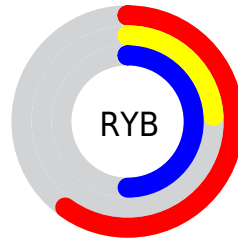
Distribution



Red (60%)

Green (24%)

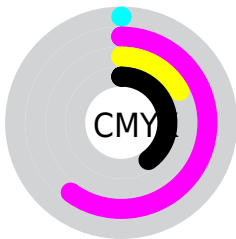
Blue (50%)



Red (60%)

Yellow (24%)

Blue (50%)

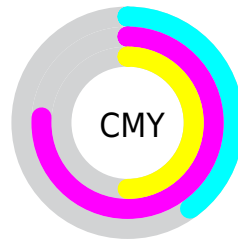


Cyan (0%)

Magenta (60%)

Yellow (17%)

Black (40%)



Cyan (40%)

Magenta (76%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A3E80 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 9A3E80 by changing the saturation by 10% instead.

 9A3E80

 9A3E80

FFFFFF

 7F2367

 D372B5

 64004F

 F08DD1

 4A0038

 FFA9ED

 330022

 FFC5FF

 0F0008

 FFE1FF

 000000

 9A3E80

 9A3E80

 9A2F7C

 9A4D84

 9A1F77

 9A5D89

 9A1073

 9A6C8D

 9A006F

 9A7C91

 9A006E

 9A8B96

 9A9A9A

 9AAA9E

 9AB9A3

 9AC9A7

Harmonies

Analogous

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



7051A2



9A3E80



AA3757

Triad

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



9A3E80



6A6200



007392

Complementary

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



9A3E80



3E9A58

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.



00746B



9A3E80



3E6C19

Square

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



9A3E80



8C530C



007241



006DAD

Rectangle

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



9A3E80



A73C3D



007241



007386

Sweetspot

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



9A3E80



C9A5BF



573E9A



665060



E6E6E6



666666

Same Dimension

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



9A3E80



C938A0



9A3E53



4D454A



8C0065



0D0009

Inverse Universe

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



9A3E80



C938A0



3E9A85



4D454A



8C0065



0D0009

Previews

White Background



This preview shows how the Hex color 9A3E80 looks on a white background.

Color Contrast Check

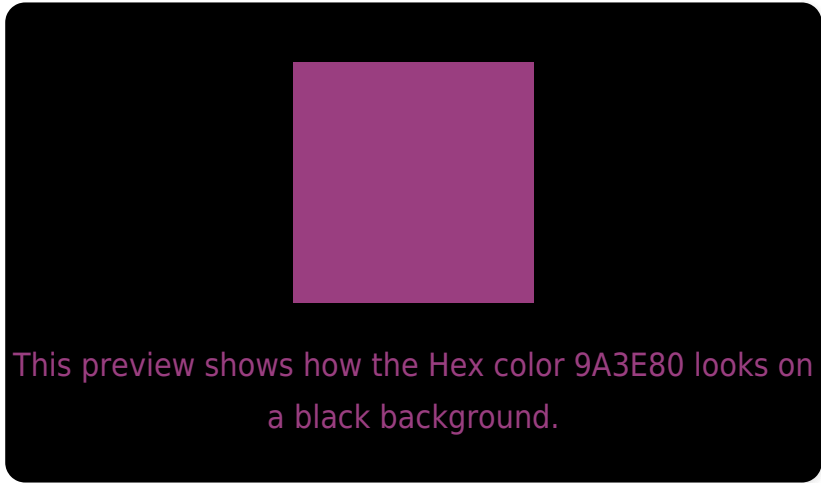
Large Text (above 18pt) WCAG AA ✓ Pass

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

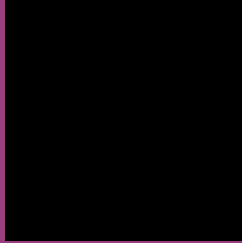
Any Text WCAG AA × Fail

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 9A3E80 Background



This preview shows how black text looks on a background with the Hex color 9A3E80.

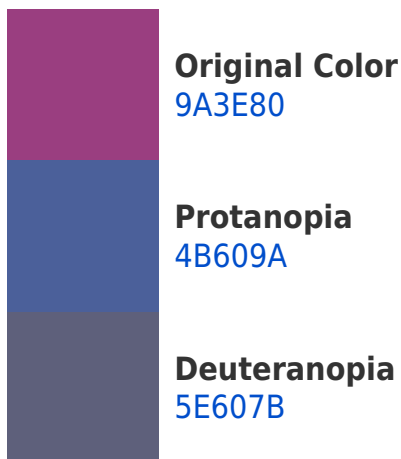


This preview shows how white text looks on a background with the Hex color 9A3E80.

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
954A4F

Trichromacy



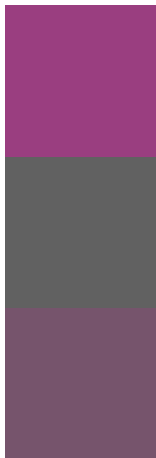
Original Color
9A3E80

Protanomaly
685491

Deuteranomaly
74547D

Tritanomaly
974661

Monochromacy



Original Color
9A3E80

Achromatopsia
616161

Achromatomaly
76546C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A3E80 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 #9A3E80 looks like.

```
.text, #text, p{  
    color:#9A3E80  
}
```

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 #9A3E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3E80
}
```

Border

The CSS property to change the border of an element to Hex 9A3E80 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
#9A3E80 }
```

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

```
.border{ border-color:#9A3E80 }
```

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

Here you see how a box with a 4 pixel #9A3E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3E80; -webkit-box-shadow:4px 4px  
4px 4px #9A3E80; box-shadow:4px 4px 4px  
4px #9A3E80 }
```

Background

The CSS property to change the background color of an element to Hex 9A3E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3E80 }
```

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

```
.background{ background-color:#9A3E80 }
```

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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