

Converting Colors

Hex(9A316B)

Have a look what the booklet for
Hex(9A316B) contains.

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Color

Hex(9A316B)

Conversions

Conversions Part 1

Format	Color
Hex	9A316B
RGB	154, 49, 107
RGB Percent	60%, 19%, 42%
CMY	0.3961, 0.8078, 0.5804
CMYK	0.00, 0.68, 0.31, 0.40
HSL	327°, 52%, 40%
HSV	327°, 68%, 60%
XYZ	17.0786, 10.1282, 14.9647
YIQ	87.0070, 43.9620, 40.2980

Conversions

Conversions Part 2

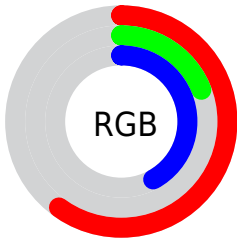
Format	Color
RYB	154, 49, 107
Decimal	10105195
CIELab	38.07, 49.08, -9.99
CIElCh	38, 50.085, 348.499
Yxy	10.1282, 0.4050, 0.2402
Android (android.graphics.Color)	4288295275 (0xFF9A316B)
YUV	87.0070, 9.8565, 58.7529
Hunter-Lab	31.8248, 40.0975, -5.6021

Details

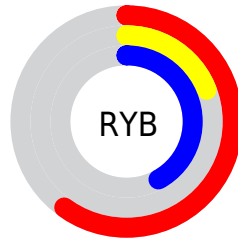
The Hex color **9A316B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **319A60**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **D3679E**, and **63003C** is the 20% darker color. If you saturate the color by 10%, you get **9A2264**, and if you desaturate by 10%, it is **9A4072**.

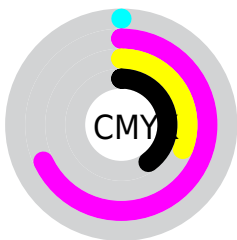
Distribution



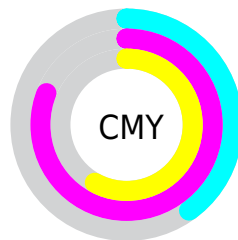
- Red (60%)
- Green (19%)
- Blue (42%)



- Red (60%)
- Yellow (19%)
- Blue (42%)



- Cyan (0%)
- Magenta (68%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (81%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A316B 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 9A316B by changing the saturation by 10% instead.



9A316B



9A316B

FFFFFF



7E1253



D3679E



63003C



F182B9



480026



FF9DD5



310011



FFB9F1



000000



FFD5FF



FFF3FF



9A316B



9A316B



9A2264



9A4072

 9A125D

 9A5079

 9A0356

 9A5F80

 9A0055

 9A6F87

 9A7E8D

 9A8D94

 9A9D9B

 9AACA2

 9ABCA9

Harmonies

Analogous

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



7A4390



9A316B



A13042

Triad

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



9A316B



555F00



006A96

Complementary

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



9A316B



319A60

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.



006C72



9A316B



1F671F

Square

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



9A316B



795200



006B48



0063A9

Rectangle

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



9A316B



9A3A29



006B48



006B8B

Sweetspot

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



9A316B



C9A1B7



5F319A



664E5B



E6E6E6



666666

Same Dimension

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



9A316B



C92480



9A3138



4D4549



8C004D



0D0007

Inverse Universe

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



9A316B



C92480



319A93



4D4549



8C004D



0D0007

Previews

White Background



This preview shows how the Hex color 9A316B looks on a white background.

Color Contrast Check

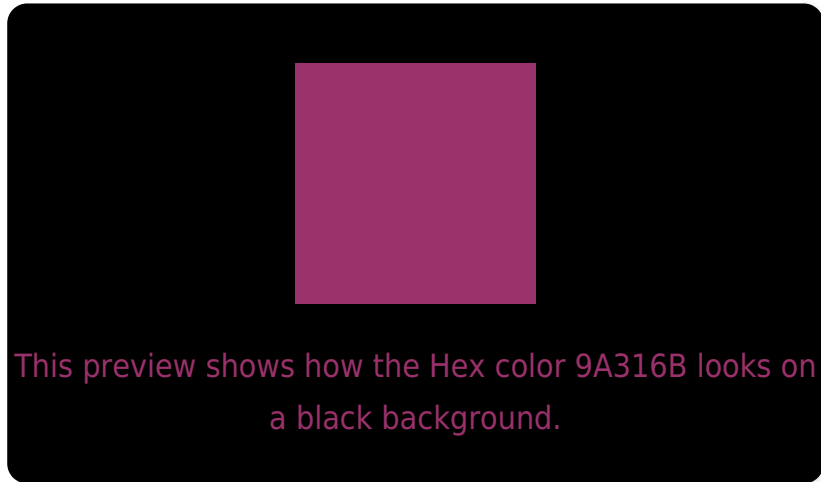
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A316B Background



This preview shows how black text looks on a background with the Hex color 9A316B.



This preview shows how white text looks on a background with the Hex color 9A316B.

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



Original Color
9A316B

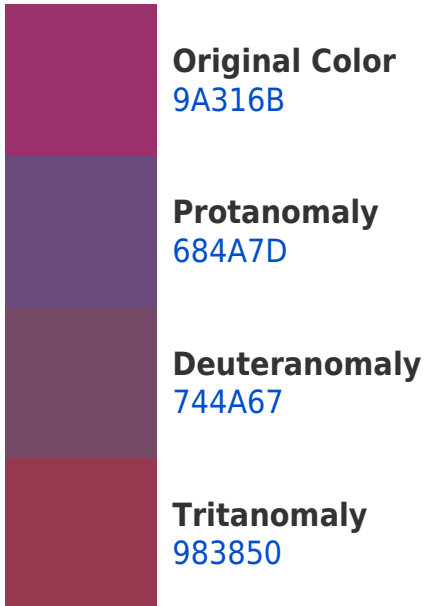
Protanopia
4B5987

Deuteranopia
5E5865

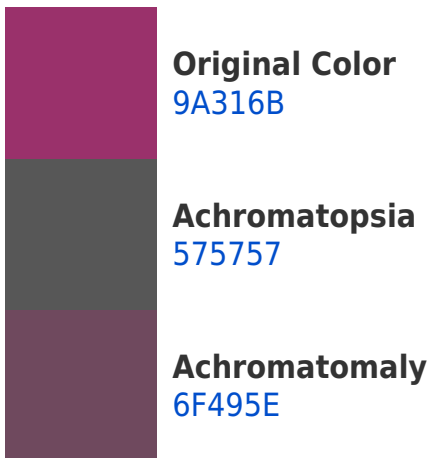


Tritanopia
973C40

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A316B 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 #9A316B looks like.

```
.text, #text, p{  
    color:#9A316B  
}
```

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 #9A316B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A316B
}
```

Border

The CSS property to change the border of an element to Hex 9A316B is called "border". The border property can be set on classes, ids or directly on the HTML element.

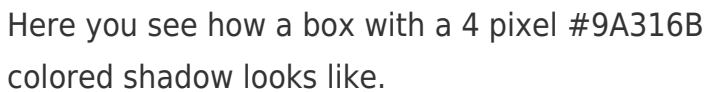
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A316B }
```

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

```
.border{ border-color:#9A316B }
```

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



Here you see how a box with a 4 pixel #9A316B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A316B; -webkit-box-shadow:4px 4px  
4px 4px #9A316B; box-shadow:4px 4px 4px  
4px #9A316B }
```

Background

The CSS property to change the background color of an element to Hex 9A316B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A316B }
```

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

```
.background{ background-color:#9A316B }
```

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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