

Converting Colors

Hex(9B3186)

Have a look what the booklet for
Hex(9B3186) contains.

Hex(9B3186)	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(9B3186)

Conversions

Conversions Part 1

Format	Color
Hex	9B3186
RGB	155, 49, 134
RGB Percent	61%, 19%, 53%
CMY	0.3922, 0.8078, 0.4745
CMYK	0.00, 0.68, 0.14, 0.39
HSL	312°, 52%, 40%
HSV	312°, 68%, 61%
XYZ	18.9190, 10.8864, 23.6584
YIQ	90.3840, 35.8910, 48.9070

Conversions

Conversions Part 2

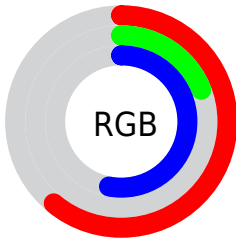
Format	Color
R_{YB}	155, 49, 134
Decimal	10170758
CIE _{Lab}	39.39, 53.19, -24.74
CIE _{LCh}	39, 58.665, 335.058
Yxy	10.8864, 0.3539, 0.2036
Android (android.graphics.Color)	4288360838 (0xFF9B3186)
YUV	90.3840, 21.5027, 56.6682
Hunter-Lab	32.9946, 44.6107, -19.4171

Details

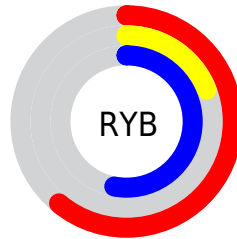
The Hex color **9B3186** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **319B46**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D468BB**, and **640054** is the 20% darker color. If you saturate the color by 10%, you get **9B2183**, and if you desaturate by 10%, it is **9B4189**.

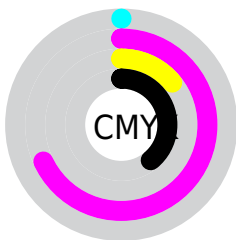
Distribution



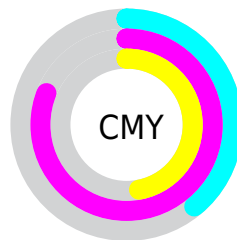
- Red (61%)
- Green (19%)
- Blue (53%)



- Red (61%)
- Yellow (19%)
- Blue (53%)



- Cyan (0%)
- Magenta (68%)
- Yellow (14%)
- Black (39%)



- Cyan (39%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B3186 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 9B3186 by changing the saturation by 10% instead.

 9B3186

 9B3186

FFFFFF

 7F106D

 D468BB

 640054

 F183D7

 4A003D

 FF9EF4

 330027

 FFBAFF

 0C000F

 FFD7FF

 000000

 FFF4FF

 9B3186

 9B3186

 9B2183

 9B4189

9B1280

9B508C

9B027D

9B5F8F

9B007C

9B6F92

9B7E95

9B8E98

9B9D9B

9BAD9F

9BBCA2

Harmonies

Analogous

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



654CAC



9B3186



AF2157

Triad

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



9B3186



6A5D00



007193

Complementary

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



9B3186



319B46

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.



007264



9B3186



376900

Square

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



9B3186



904B00



006F32



006CB4

Rectangle

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



9B3186



AE2A38



006F32



007284

Sweetspot

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



9B3186



C99FC1



44319B



664D61



E6E6E6



666666

Same Dimension

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



9B3186



C924A9



9B3153



4D454B



8C0070



0D000A

Inverse Universe

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



9B3186



C924A9



319B79



4D454B



8C0070



0D000A

Previews

White Background



This preview shows how the Hex color 9B3186 looks on a white background.

Color Contrast Check

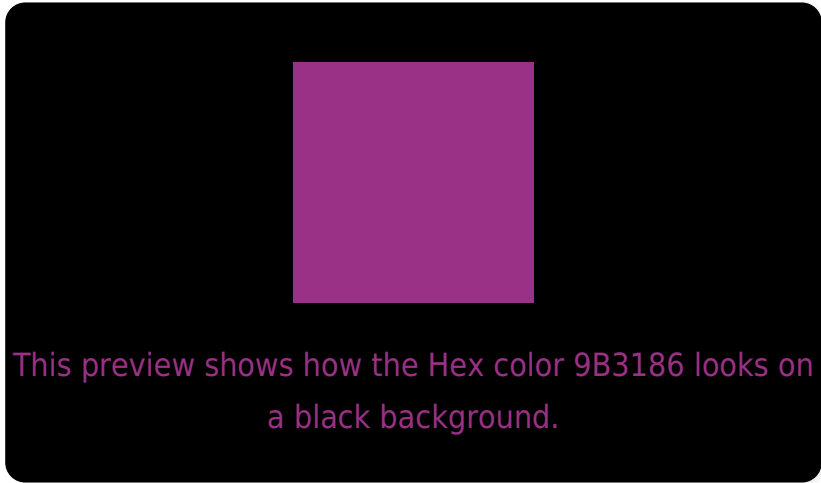
Large Text (above 18pt) WCAG AA ✓ Pass

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

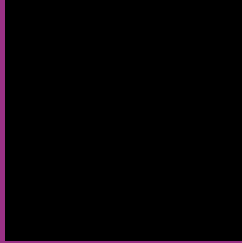
Any Text WCAG AA × Fail

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 9B3186 Background



This preview shows how black text looks on a background with the Hex color 9B3186.

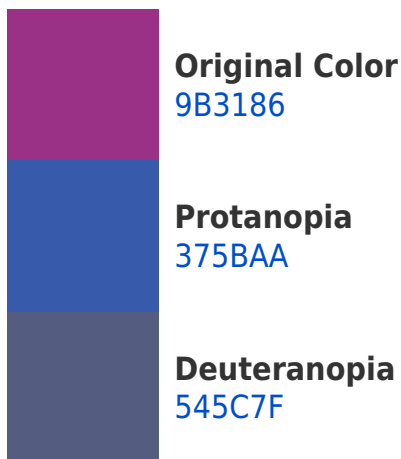



This preview shows how white text looks on a background with the Hex color 9B3186.

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
954348

Trichromacy



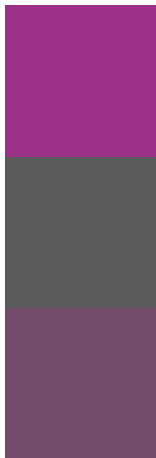
Original Color
9B3186

Protanomaly
5B4C9D

Deuteranomaly
6E4C82

Tritanomaly
973C5F

Monochromacy



Original Color
9B3186

Achromatopsia
5A5A5A

Achromatomaly
724B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B3186 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 #9B3186 looks like.

```
.text, #text, p{  
    color:#9B3186  
}
```

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 #9B3186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3186
}
```

Border

The CSS property to change the border of an element to Hex 9B3186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

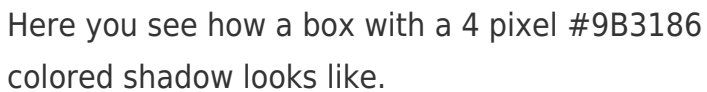
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B3186 }
```

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

```
.border{ border-color:#9B3186 }
```

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



Here you see how a box with a 4 pixel #9B3186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3186; -webkit-box-shadow:4px 4px  
4px 4px #9B3186; box-shadow:4px 4px 4px  
4px #9B3186 }
```

Background

The CSS property to change the background color of an element to Hex 9B3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3186 }
```

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

```
.background{ background-color:#9B3186 }
```

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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