

Converting Colors

Hex(9B133E)

Have a look what the booklet for
Hex(9B133E) contains.

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Color

Hex(9B133E)

Conversions

Conversions Part 1

Format	Color
Hex	9B133E
RGB	155, 19, 62
RGB Percent	61%, 7%, 24%
CMY	0.3922, 0.9255, 0.7569
CMYK	0.00, 0.88, 0.60, 0.39
HSL	341°, 78%, 34%
HSV	341°, 88%, 61%
XYZ	14.6199, 7.7821, 5.2890
YIQ	64.5660, 67.2530, 42.2050

Conversions

Conversions Part 2

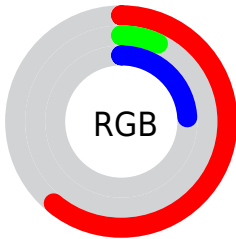
Format	Color
R_{YB}	155, 19, 62
Decimal	10163006
CIE _{Lab}	33.52, 54.43, 12.41
CIE _{LCh}	34, 55.828, 12.848
Yxy	7.7821, 0.5280, 0.2810
Android (android.graphics.Color)	4288353086 (0xFF9B133E)
YUV	64.5660, -1.2650, 79.3106
Hunter-Lab	27.8964, 44.7294, 8.2865

Details

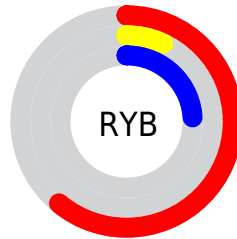
The Hex color **9B133E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **139B70**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **D7526D**, and **610014** is the 20% darker color. If you saturate the color by 10%, you get **9B0333**, and if you desaturate by 10%, it is **9B2249**.

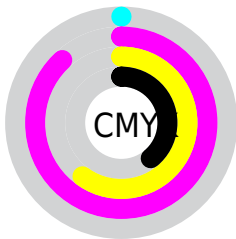
Distribution



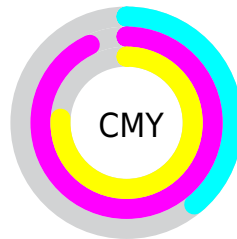
- Red (61%)
- Green (7%)
- Blue (24%)



- Red (61%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (88%)
- Yellow (60%)
- Black (39%)



- Cyan (39%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B133E 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 9B133E by changing the saturation by 10% instead.



9B133E



9B133E

FFFFFF



7E0028



D7526D



610014



F66D86



450001



FF89A0



280001



FFA5BB



000000



FFC1D7



FFDEF3



FFFCFF



9B133E



9B133E

 9B0333

 9B2249

 9B0031

 9B3253

 9B415E

 9B5168

 9B6073

 9B707E

 9B7F88

 9B8F93

 9B9E9D

Harmonies

Analogous

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



8F1D6A



9B133E



902C13

Triad

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



9B133E



155C00



005BA4

Complementary

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



9B133E



139B70

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.



00618B



9B133E



006033

Square

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



9B133E



505300



006261



004EA6

Rectangle

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



9B133E



7F3C00



006261



005E9E

Sweetspot

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



9B133E



C995A6



70139B



664650



E6E6E6



666666

Same Dimension

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



9B133E



C90040



9B2C13



4D4547



8C002C



0D0004

Inverse Universe

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



9B133E



C90040



13829B



4D4547



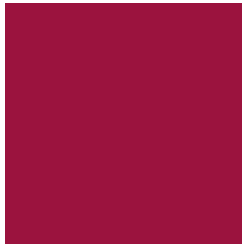
8C002C



0D0004

Previews

White Background



This preview shows how the Hex color 9B133E looks on a white background.

Color Contrast Check

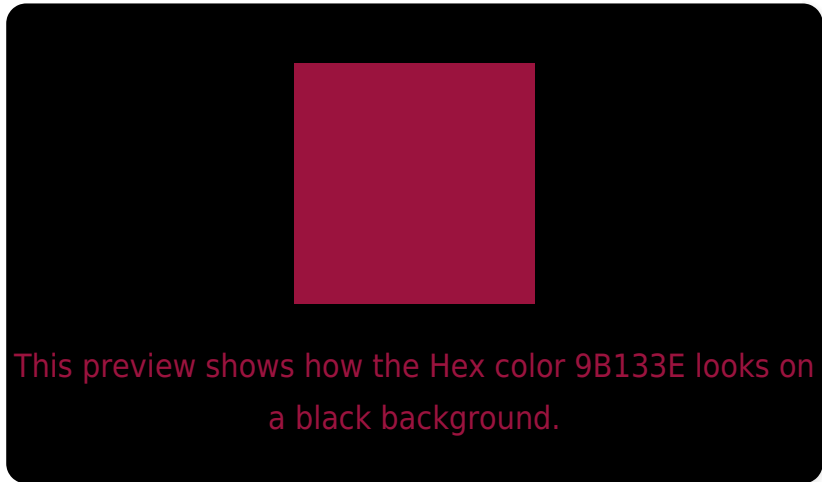
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 9B133E Background



This preview shows how black text looks on a background with the Hex color 9B133E.



This preview shows how white text looks on a background with the Hex color 9B133E.

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
9B133E

Protanopia
505058

Deuteranopia
604D38



Tritanopia
9A1E1D

Trichromacy



Original Color
9B133E

Protanomaly
6B3A4F

Deuteranomaly
75383A

Tritanomaly
9A1A29

Monochromacy



Original Color
9B133E

Achromatopsia
414141

Achromatomaly
623040

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B133E 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 #9B133E looks like.

```
.text, #text, p{  
    color:#9B133E  
}
```

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 #9B133E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B133E
}
```

Border

The CSS property to change the border of an element to Hex 9B133E is called "border". The border property can be set on classes, ids or directly on the HTML element.

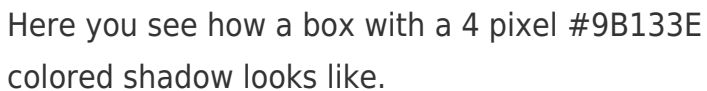
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B133E }
```

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

```
.border{ border-color:#9B133E }
```

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



Here you see how a box with a 4 pixel #9B133E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B133E; -webkit-box-shadow:4px 4px  
4px 4px #9B133E; box-shadow:4px 4px 4px  
4px #9B133E }
```

Background

The CSS property to change the background color of an element to Hex 9B133E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B133E }
```

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

```
.background{ background-color:#9B133E }
```

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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