

Converting Colors

Hex(9A172A)

Have a look what the booklet for
Hex(9A172A) contains.

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Color

Hex(9A172A)

Conversions

Conversions Part 1

Format	Color
Hex	9A172A
RGB	154, 23, 42
RGB Percent	60%, 9%, 16%
CMY	0.3961, 0.9098, 0.8353
CMYK	0.00, 0.85, 0.73, 0.40
HSL	351°, 74%, 35%
HSV	351°, 85%, 60%
XYZ	14.0507, 7.6500, 2.9265
YIQ	64.3350, 71.9770, 33.6810

Conversions

Conversions Part 2

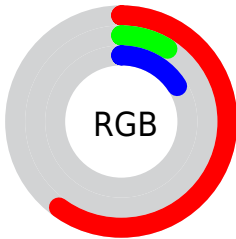
Format	Color
RYB	154, 23, 42
Decimal	10098474
CIELab	33.24, 52.12, 24.99
CIElCh	33, 57.805, 25.618
Yxy	7.6500, 0.5705, 0.3106
Android (android.graphics.Color)	4288288554 (0xFF9A172A)
YUV	64.3350, -11.0112, 78.6362
Hunter-Lab	27.6586, 42.2765, 13.0876

Details

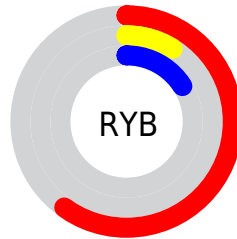
The Hex color **9A172A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **179A87**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D75357**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9A081D**, and if you desaturate by 10%, it is **9A2637**.

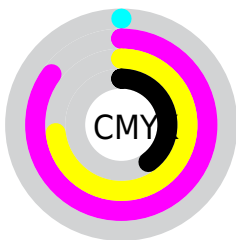
Distribution



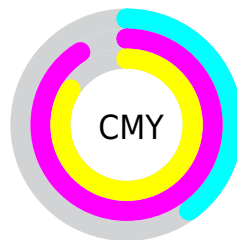
- Red (60%)
- Green (9%)
- Blue (16%)



- Red (60%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (85%)
- Yellow (73%)
- Black (40%)



- Cyan (40%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A172A 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 9A172A by changing the saturation by 10% instead.

 9A172A

 9A172A

FFFFFF

 7C0016

 D75357

 5F0000

 F66E70

 420001

 FF8A89

 250001

 FFA5A3

 000000

 FFC2BE

 FFDFDA

 FFFCF7

 9A172A

 9A172A

■ 9A081D

■ 9A2637

■ 9A0016

■ 9A3644

■ 9A4551

■ 9A555F

■ 9A646C

■ 9A7379

■ 9A8386

■ 9A9293

■ 9AA2A0

Harmonies

Analogous

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



990957



9A172A



873500

Triad

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



9A172A



005E14



0056AB

Complementary

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



9A172A



179A87

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.



005F9A



9A172A



006146

Square

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



9A172A



3A5700



006175



3645A2

Rectangle

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



9A172A



724400



006175



005AA8

Sweetspot

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



9A172A



C9959D



86179A



66464B



E6E6E6



666666

Same Dimension

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



9A172A



C9001D



9A4517



4D4546



8C0014



0D0002

Inverse Universe

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



9A172A



C9001D



176C9A



4D4546



8C0014



0D0002

Previews

White Background



This preview shows how the Hex color 9A172A looks on a white background.

Color Contrast Check

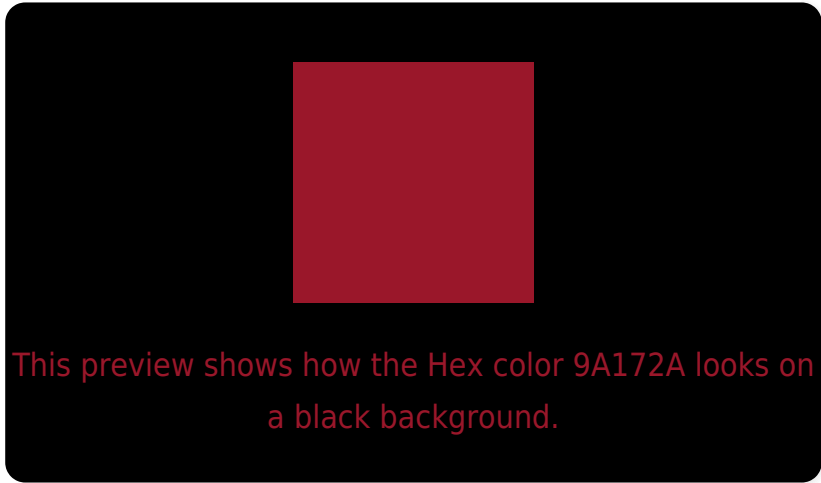
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A172A Background



This preview shows how black text looks on a background with the Hex color 9A172A.

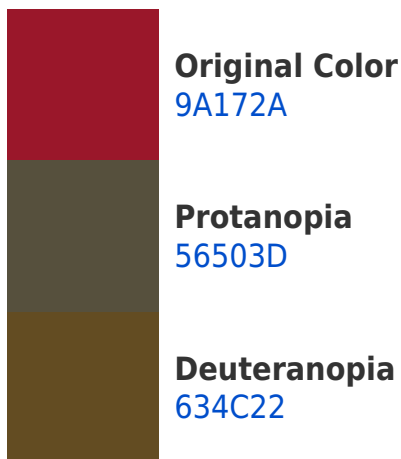


This preview shows how white text looks on a background with the Hex color 9A172A.

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
9A1B1A

Trichromacy



Original Color
9A172A

Protanomaly
6F3B36

Deuteranomaly
773925

Tritanomaly
9A1A20

Monochromacy



Original Color
9A172A

Achromatopsia
404040

Achromatomaly
613138

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A172A 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 #9A172A looks like.

```
.text, #text, p{  
    color:#9A172A  
}
```

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 #9A172A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A172A
}
```

Border

The CSS property to change the border of an element to Hex 9A172A is called "border". The border property can be set on classes, ids or directly on the HTML element.

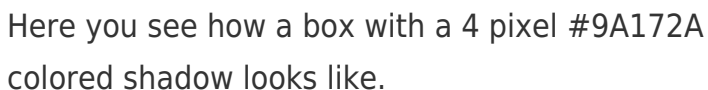
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A172A }
```

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

```
.border{ border-color:#9A172A }
```

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



Here you see how a box with a 4 pixel #9A172A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A172A; -webkit-box-shadow:4px 4px  
4px 4px #9A172A; box-shadow:4px 4px 4px  
4px #9A172A }
```

Background

The CSS property to change the background color of an element to Hex 9A172A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A172A }
```

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

```
.background{ background-color:#9A172A }
```

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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