

Converting Colors

Hex(9A1A00)

Have a look what the booklet for
Hex(9A1A00) contains.

Hex(9A1A00)	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(9A1A00)

Conversions

Conversions Part 1

Format	Color
Hex	9A1A00
RGB	154, 26, 0
RGB Percent	60%, 10%, 0%
CMY	0.3961, 0.8980, 1.0000
CMYK	0.00, 0.83, 1.00, 0.40
HSL	10°, 100%, 30%
HSV	10°, 100%, 60%
XYZ	13.6958, 7.6088, 0.7468
YIQ	61.3080, 84.6340, 19.0500

Conversions

Conversions Part 2

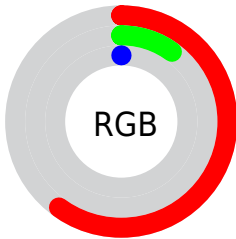
Format	Color
RYB	154, 31, 0
Decimal	10099200
CIELab	33.15, 50.26, 46.48
CIELCh	33, 68.458, 42.764
Yxy	7.6088, 0.6211, 0.3450
Android (android.graphics.Color)	4288289280 (0xFF9A1A00)
YUV	61.3080, -30.2248, 81.2909
Hunter-Lab	27.5841, 40.3552, 17.7037

Details

The Hex color **9A1A00** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00809A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **D85430**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **9A1A00**, and if you desaturate by 10%, it is **9A270F**.

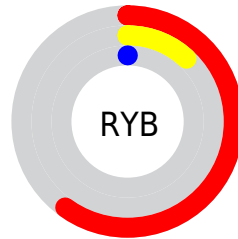
Distribution



Red (60%)

Green (10%)

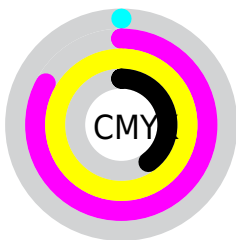
Blue (0%)



Red (60%)

Yellow (12%)

Blue (0%)

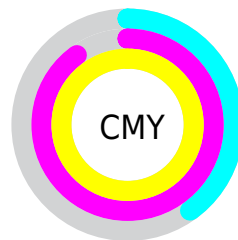


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A1A00 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 9A1A00 by changing the saturation by 10% instead.

 9A1A00

 9A1A00

 FFFFE8

 7B0000

 D85430

 5D0000

 F86F48

 410001

 FF8A61

 230001

 FFA67A

 000000

 FFC295

 FFDFB0

 FFFCCB

 9A1A00

 9A270F

 9A341F

 9A402E

 9A4D3E

 9A5A4D

 9A675C

 9A746C

 9A807B

 9A8D8B

Harmonies

Analogous

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



A8003A



9A1A00



794000

Triad

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



9A1A00



00622B



004EBA

Complementary

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



9A1A00



00809A

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.



005DB7



9A1A00



006365

Square

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



9A1A00



005D00



006397



69309F

Rectangle

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



9A1A00



5C4E00



006397



0054BC

Sweetspot

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



9A1A00



C9978D



9A0080



664741



E6E6E6



666666

Same Dimension

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



9A1A00



C92200



9A6700



4D4645



8C1800



0D0200

Inverse Universe

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



00809A



00A7C9



00339A



454B4D



00758C



000B0D

Previews

White Background



This preview shows how the Hex color 9A1A00 looks on a white background.

Color Contrast Check

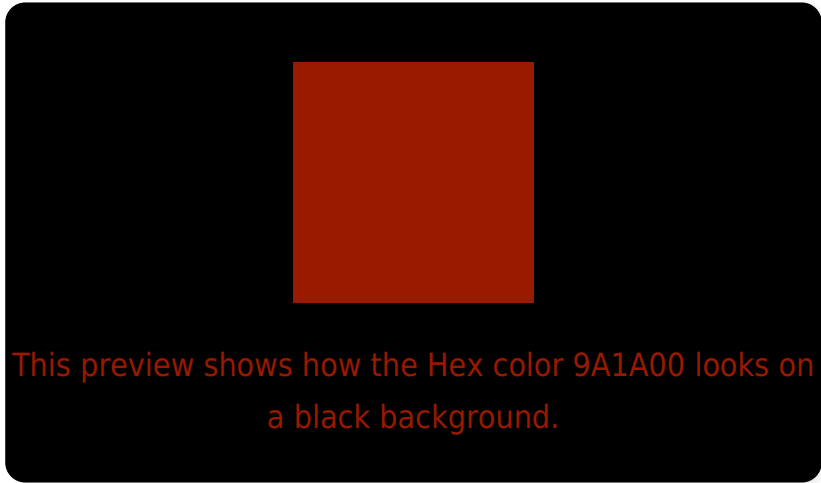
Large Text (above 18pt) WCAG AA ✓ Pass

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

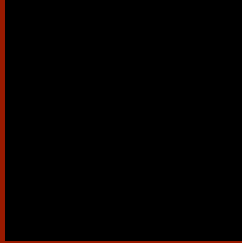
Any Text WCAG AA × Fail

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 9A1A00 Background



This preview shows how black text looks on a background with the Hex color 9A1A00.



This preview shows how white text looks on a background with the Hex color 9A1A00.

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
9A1A00

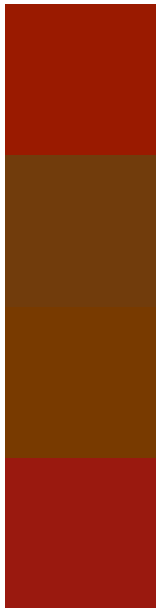
Protanopia
5A5013

Deuteranopia
654C00



Tritanopia
9A1917

Trichromacy



Original Color
9A1A00

Protanomaly
713C0C

Deuteranomaly
783A00

Tritanomaly
9A190F

Monochromacy



Original Color
9A1A00

Achromatopsia
3D3D3D

Achromatomaly
5F3027

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A1A00 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 #9A1A00 looks like.

```
.text, #text, p{  
    color:#9A1A00  
}
```

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 #9A1A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A1A00  
}
```

Border

The CSS property to change the border of an element to Hex 9A1A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

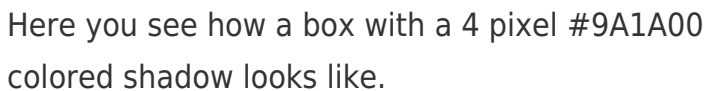
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9A1A00 }
```

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

```
.border{ border-color:#9A1A00 }
```

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



Here you see how a box with a 4 pixel #9A1A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A1A00; -webkit-box-shadow:4px 4px  
4px 4px #9A1A00; box-shadow:4px 4px 4px  
4px #9A1A00 }
```

Background

The CSS property to change the background color of an element to Hex 9A1A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A1A00 }
```

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

```
.background{ background-color:#9A1A00 }
```

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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