

Converting Colors

Hex(9C0D30)

Have a look what the booklet for
Hex(9C0D30) contains.

Hex(9C0D30)	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(9C0D30)

Conversions

Conversions Part 1

Format	Color
Hex	9C0D30
RGB	156, 13, 48
RGB Percent	61%, 5%, 19%
CMY	0.3882, 0.9490, 0.8118
CMYK	0.00, 0.92, 0.69, 0.39
HSL	345°, 85%, 33%
HSV	345°, 92%, 61%
XYZ	14.3877, 7.5692, 3.4990
YIQ	59.7470, 73.9930, 41.2010

Conversions

Conversions Part 2

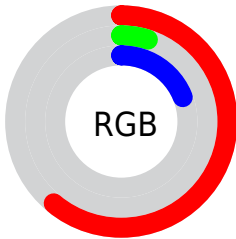
Format	Color
RYB	156, 13, 48
Decimal	10226992
CIELab	33.07, 54.97, 21.02
CIELCh	33, 58.850, 20.923
Yxy	7.5692, 0.5652, 0.2973
Android (android.graphics.Color)	4288417072 (0xFF9C0D30)
YUV	59.7470, -5.7913, 84.4139
Hunter-Lab	27.5121, 45.2021, 11.7180

Details

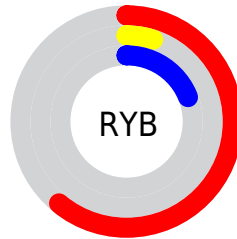
The Hex color **9C0D30** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0D9C79**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **D94F5E**, and **610001** is the 20% darker color. If you saturate the color by 10%, you get **9C0026**, and if you desaturate by 10%, it is **9C1D3C**.

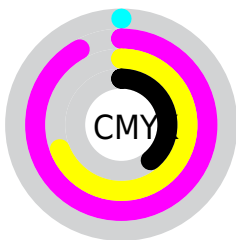
Distribution



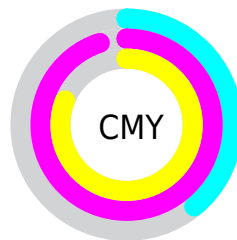
- Red (61%)
- Green (5%)
- Blue (19%)



- Red (61%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (92%)
- Yellow (69%)
- Black (39%)



- Cyan (39%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C0D30 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 9C0D30 by changing the saturation by 10% instead.

 9C0D30

 9C0D30

FFFFFF

 7E001B

 D94F5E

 610001

 F86B76

 440001

 FF8690

 270001

 FFA2AA

 000000

 FFBFC6

 FFDCE2

 FFF9FE

 9C0D30

 9C0D30

■ 9C0026

■ 9C1D3C

■ 9C2C48

■ 9C3C53

■ 9C4B5F

■ 9C5B6B

■ 9C6B77

■ 9C7A82

■ 9C8A8E

■ 9C999A

Harmonies

Analogous

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



97075E



9C0D30



8B3000

Triad

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



9C0D30



005D06



0058AB

Complementary

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



9C0D30



0D9C79

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.



005F96



9C0D30



00603E

Square

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



9C0D30



415500



00616E



1848A6

Rectangle

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



9C0D30



774000



00616E



005BA7

Sweetspot

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



9C0D30



CC93A1



780D9C



66434C



E6E6E6



666666

Same Dimension

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



9C0D30



CC0032



9C310D



4F4749



8F0023



0F0004

Inverse Universe

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



9C0D30



CC0032



0D789C



4F4749



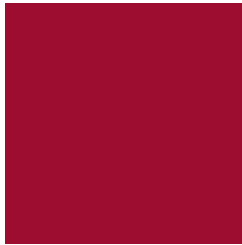
8F0023



0F0004

Previews

White Background



This preview shows how the Hex color 9C0D30 looks on a white background.

Color Contrast Check

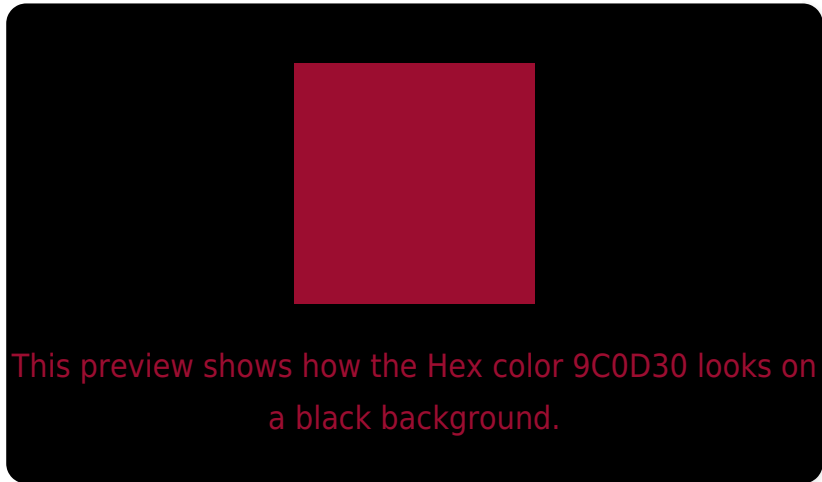
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0D30 Background



This preview shows how black text looks on a background with the Hex color 9C0D30.



This preview shows how white text looks on a background with the Hex color 9C0D30.

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
9C0D30

Protanopia
545046

Deuteranopia
624C29



Tritanopia
9B1614

Trichromacy



Original Color
9C0D30

Protanomaly
6E383E

Deuteranomaly
77352C

Tritanomaly
9B131E

Monochromacy



Original Color
9C0D30

Achromatopsia
3C3C3C

Achromatomaly
5F2B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C0D30 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 #9C0D30 looks like.

```
.text, #text, p{  
    color:#9C0D30  
}
```

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 #9C0D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0D30
}
```

Border

The CSS property to change the border of an element to Hex 9C0D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

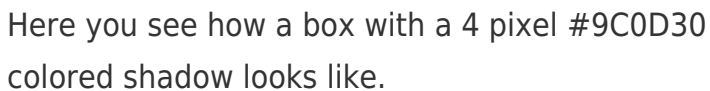
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C0D30 }
```

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

```
.border{ border-color:#9C0D30 }
```

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



Here you see how a box with a 4 pixel #9C0D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0D30; -webkit-box-shadow:4px 4px  
4px 4px #9C0D30; box-shadow:4px 4px 4px  
4px #9C0D30 }
```

Background

The CSS property to change the background color of an element to Hex 9C0D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0D30 }
```

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

```
.background{ background-color:#9C0D30 }
```

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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