

Converting Colors

Hex(9C0000)

Have a look what the booklet for
Hex(9C0000) contains.

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Color

Hex(9C0000)

Conversions

Conversions Part 1

Format	Color
Hex	9C0000
RGB	156, 0, 0
RGB Percent	61%, 0%, 0%
CMY	0.3882, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.39
HSL	0°, 100%, 31%
HSV	0°, 100%, 61%
XYZ	13.7103, 7.0679, 0.6416
YIQ	46.6440, 92.9760, 33.0720

Conversions

Conversions Part 2

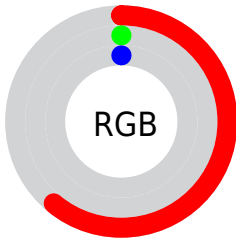
Format	Color
RYB	156, 0, 0
Decimal	10223616
CIELab	31.96, 55.50, 45.93
CIELCh	32, 72.036, 39.611
Yxy	7.0679, 0.6401, 0.3300
Android (android.graphics.Color)	4288413696 (0xFF9C0000)
YUV	46.6440, -22.9955, 95.9052
Hunter-Lab	26.5856, 45.5286, 17.1790

Details

The Hex color **9C0000** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009C9C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **DB4A2F**, and **5E0000** is the 20% darker color. If you saturate the color by 10%, you get **9C0000**, and if you desaturate by 10%, it is **9C1010**.

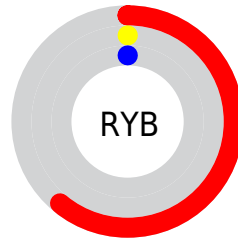
Distribution



Red (61%)

Green (0%)

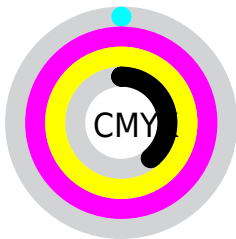
Blue (0%)



Red (61%)

Yellow (0%)

Blue (0%)

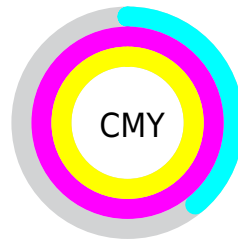


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C0000 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 9C0000 by changing the saturation by 10% instead.

 9C0000

 9C0000

 FFFFE6

 7D0000

 DB4A2F

 5E0000

 FB6547

 420002

 FF8160

 230001

 FF9D79

 000000

 FFB993

 FFD6AE

 FFF3CA

 9C0000

 9C1010

 9C1F1F

 9C2F2F

 9C3E3E

 9C4E4E

 9C5E5E

 9C6D6D

 9C7D7D

 9C8C8C

Harmonies

Analogous

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



A9003C



9C0000



7B3900

Triad

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



9C0000



005F20



004EBE

Complementary

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



9C0000



009C9C

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.



005CB7



9C0000



00615D

Square

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



9C0000



005A00



006193



5D2FA4

Rectangle

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



9C0000



5D4900



006193



0054BF

Sweetspot

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



9C0000



CC8F8F



9C009C



664141



E6E6E6



666666

Same Dimension

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



9C0000



CC0000



9C4E00



4F4747



8F0000



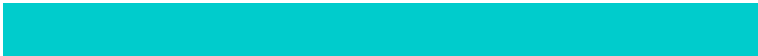
0F0000

Inverse Universe

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



009C9C



00CCCC



004E9C



474F4F



008F8F



000F0F

Previews

White Background



This preview shows how the Hex color 9C0000 looks on a white background.

Color Contrast Check

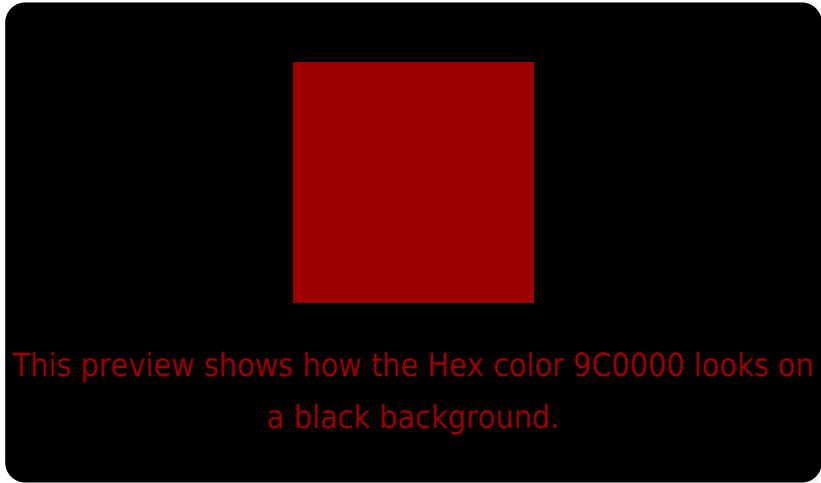
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0000 Background



This preview shows how black text looks on a background with the Hex color 9C0000.



This preview shows how white text looks on a background with the Hex color 9C0000.

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
9C0000

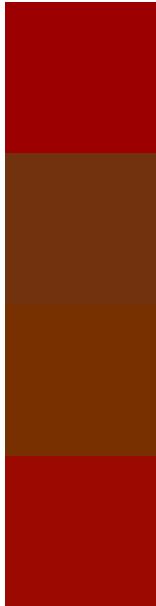
Protanopia
584F14

Deuteranopia
634B00



Tritanopia
9B0E00

Trichromacy



Original Color
9C0000

Protanomaly
71320D

Deuteranomaly
783000

Tritanomaly
9B0900

Monochromacy



Original Color
9C0000

Achromatopsia
2F2F2F

Achromatomaly
571E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C0000 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 #9C0000 looks like.

```
.text, #text, p{  
    color:#9C0000  
}
```

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 #9C0000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0000
}
```

Border

The CSS property to change the border of an element to Hex 9C0000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

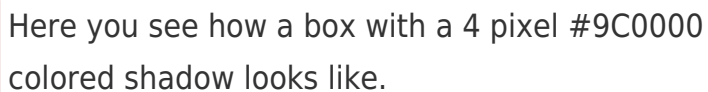
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C0000 }
```

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

```
.border{ border-color:#9C0000 }
```

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



Here you see how a box with a 4 pixel #9C0000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0000; -webkit-box-shadow:4px 4px  
4px 4px #9C0000; box-shadow:4px 4px 4px  
4px #9C0000 }
```

Background

The CSS property to change the background color of an element to Hex 9C0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0000 }
```

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

```
.background{ background-color:#9C0000 }
```

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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