

Converting Colors

Hex(9B0700)

Have a look what the booklet for
Hex(9B0700) contains.

Hex(9B0700)	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(9B0700)

Conversions

Conversions Part 1

Format	Color
Hex	9B0700
RGB	155, 7, 0
RGB Percent	61%, 3%, 0%
CMY	0.3922, 0.9725, 1.0000
CMYK	0.00, 0.95, 1.00, 0.39
HSL	3°, 100%, 30%
HSV	3°, 100%, 61%
XYZ	13.5935, 7.1205, 0.6579
YIQ	50.4540, 90.4550, 29.1990

Conversions

Conversions Part 2

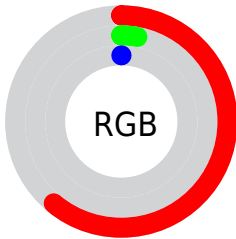
Format	Color
RYB	155, 7, 0
Decimal	10159872
CIELab	32.08, 54.24, 45.90
CIElCh	32, 71.052, 40.240
Yxy	7.1205, 0.6360, 0.3332
Android (android.graphics.Color)	4288349952 (0xFF9B0700)
YUV	50.4540, -24.8738, 91.6868
Hunter-Lab	26.6843, 44.2341, 17.2171

Details

The Hex color **9B0700** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00949B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **DA4C30**, and **5E0000** is the 20% darker color. If you saturate the color by 10%, you get **9B0700**, and if you desaturate by 10%, it is **9B160F**.

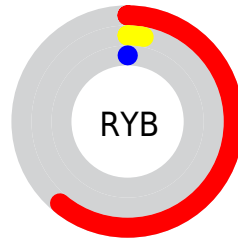
Distribution



Red (61%)

Green (3%)

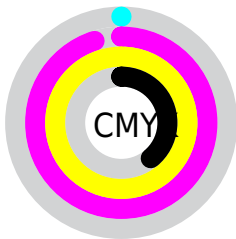
Blue (0%)



Red (61%)

Yellow (3%)

Blue (0%)

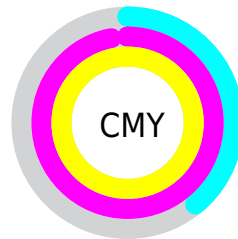


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B0700 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 9B0700 by changing the saturation by 10% instead.

 9B0700

 9B0700

 FFFFE6

 7C0000

 DA4C30

 5E0000

 FA6747

 410002

 FF8360

 220001

 FF9F79

 000000

 FFBB93

 FFD8AE

 FFF5CA

 9B0700

 9B160F

 9B251F

 9B332F

 9B423E

 9B514E

 9B605D

 9B6F6C

 9B7D7C

 9B8C8B

Harmonies

Analogous

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



A8003B



9B0700



7A3A00

Triad

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



9B0700



005F22



004EBC

Complementary

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



9B0700



00949B

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



9B0700



00615E

Square

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



9B0700



005A00



006194



5F2FA2

Rectangle

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



9B0700



5D4A00



006194



0054BE

Sweetspot

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



9B0700



C9908D



9B0096



664341



E6E6E6



666666

Same Dimension

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



9B0700



C90900



9B5300



4D4545



8C0600



0D0100

Inverse Universe

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



00949B



00C0C9



00489B



454C4D



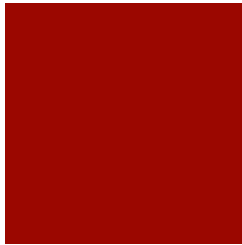
00868C



000C0D

Previews

White Background



This preview shows how the Hex color 9B0700 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

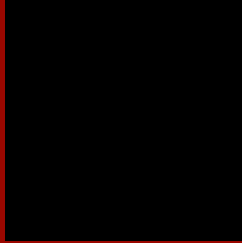
Any Text WCAG AA × Fail

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 9B0700 Background



This preview shows how black text looks on a background with the Hex color 9B0700.



This preview shows how white text looks on a background with the Hex color 9B0700.

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
9B0700

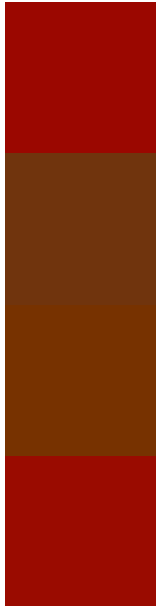
Protanopia
584E14

Deuteranopia
634A00



Tritanopia
9A0E00

Trichromacy



Original Color
9B0700

Protanomaly
70340D

Deuteranomaly
773200

Tritanomaly
9A0B00

Monochromacy



Original Color
9B0700

Achromatopsia
323232

Achromatomaly
582220

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B0700 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 #9B0700 looks like.

```
.text, #text, p{  
    color:#9B0700  
}
```

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 #9B0700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B0700
}
```

Border

The CSS property to change the border of an element to Hex 9B0700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

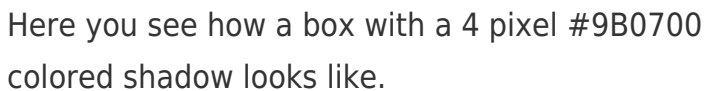
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B0700 }
```

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

```
.border{ border-color:#9B0700 }
```

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



Here you see how a box with a 4 pixel #9B0700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B0700; -webkit-box-shadow:4px 4px  
4px 4px #9B0700; box-shadow:4px 4px 4px  
4px #9B0700 }
```

Background

The CSS property to change the background color of an element to Hex 9B0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B0700 }
```

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

```
.background{ background-color:#9B0700 }
```

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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