

# Converting Colors

Hex(9D0B00)

Have a look what the booklet for  
Hex(9D0B00) contains.

<b>Hex(9D0B00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9D0B00)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D0B00
RGB	157, 11, 0
RGB Percent	62%, 4%, 0%
CMY	0.3843, 0.9569, 1.0000
CMYK	0.00, 0.93, 1.00, 0.38
HSL	4°, 100%, 31%
HSV	4°, 100%, 62%
XYZ	14.0243, 7.4074, 0.6906
YIQ	53.4000, 90.5470, 27.5310

# Conversions

## Conversions Part 2

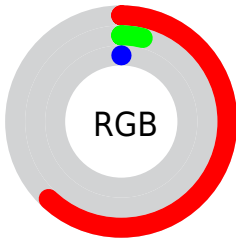
Format	Color
<a href="#">RYB</a>	<a href="#">157, 12, 0</a>
Decimal	<a href="#">10291968</a>
CIELab	<a href="#">32.72, 54.22, 46.53</a>
CIELCh	<a href="#">33, 71.451, 40.634</a>
Yxy	<a href="#">7.4074, 0.6339, 0.3348</a>
Android (android.graphics.Color)	<a href="#">4288482048 (0xFF9D0B00)</a>
YUV	<a href="#">53.4000, -26.3262, 90.8572</a>
Hunter-Lab	<a href="#">27.2166, 44.3492, 17.5472</a>

# Details

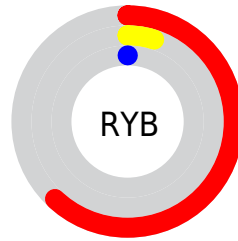
The Hex color **9D0B00** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00929D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **DC4D30**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9D0B00**, and if you desaturate by 10%, it is **9D1A10**.

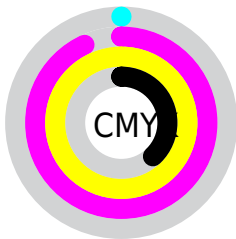
# Distribution



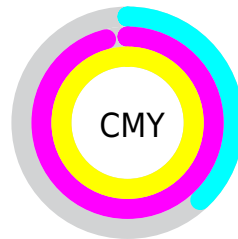
- Red (62%)
- Green (4%)
- Blue (0%)



- Red (62%)
- Yellow (5%)
- Blue (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (100%)
- Black (38%)



- Cyan (38%)
- Magenta (96%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D0B00 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 9D0B00 by changing the saturation by 10% instead.



 9D0B00

 9D0B00

 FFFFE7

 7E0000

 DC4D30

 5F0000

 FC6948

 430001

 FF8560

 240001

 FFA07A

 000000

 FFBD94

 FFDAAF

 FFF7CA

 9D0B00

 9D1A10

 9D281F

 9D372F

 9D453F

 9D544F

 9D635E

 9D716E

 9D807E

 9D8E8D

# Harmonies

## Analogous

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



AA003C



9D0B00



7C3C00

# Triad

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



9D0B00



006124



004FBE

# Complementary

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



9D0B00



00929D

# 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.



005EB9



9D0B00



006360

# Square

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



9D0B00



005C00



006396



6230A4

# Rectangle

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



9D0B00



5E4C00



006396



0055C0



# Sweetspot

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



9D0B00



CC938F



9D0093



664441



E6E6E6



666666



# Same Dimension

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



9D0B00



CC0E00



9D5900



4F4847



8F0A00



0F0100



# Inverse Universe

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



00929D



00BECC



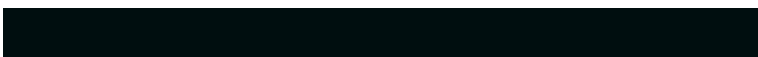
00449D



474E4F



00858F



000E0F



# Previews

## White Background



This preview shows how the Hex color 9D0B00 looks on a white background.

## Color Contrast Check

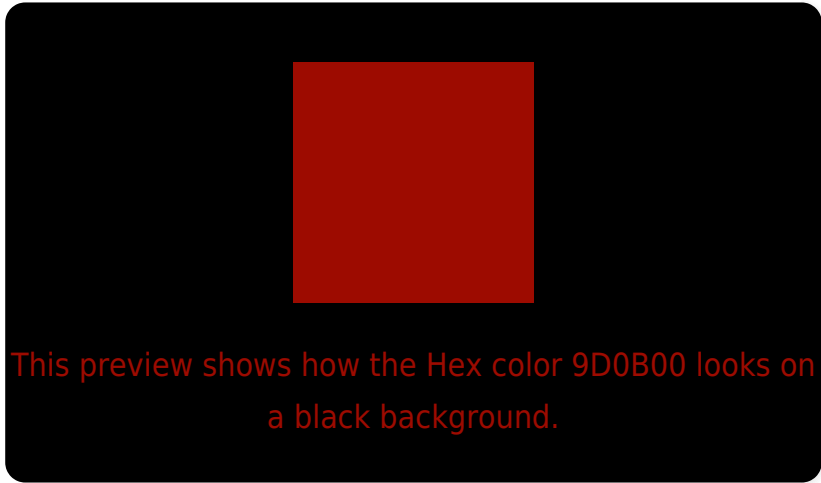
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D0B00 Background



This preview shows how black text looks on a background with the Hex color 9D0B00.



This preview shows how white text looks on a background with the Hex color 9D0B00.

# 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**  
9D0B00

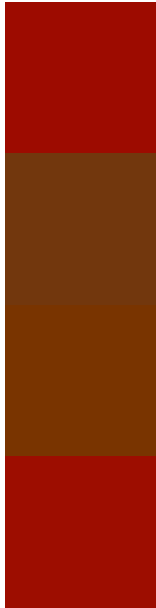
**Protanopia**  
595014

**Deuteranopia**  
644C00



**Tritanopia**  
9D0E00

# Trichromacy



**Original Color**  
9D0B00

**Protanomaly**  
72370D

**Deuteranomaly**  
793400

**Tritanomaly**  
9D0D00

# Monochromacy



**Original Color**  
9D0B00

**Achromatopsia**  
353535

**Achromatomaly**  
5B2622

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D0B00 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 #9D0B00 looks like.

```
.text, #text, p{  
    color:#9D0B00  
}
```

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 #9D0B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D0B00
}
```

## Border

The CSS property to change the border of an element to Hex 9D0B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

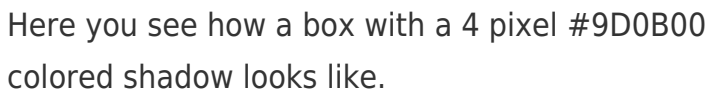
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D0B00 }
```

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

```
.border{ border-color:#9D0B00 }
```

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



Here you see how a box with a 4 pixel #9D0B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D0B00; -webkit-box-shadow:4px 4px  
4px 4px #9D0B00; box-shadow:4px 4px 4px  
4px #9D0B00 }
```

# Background

The CSS property to change the background color of an element to Hex 9D0B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D0B00 }
```

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

```
.background{ background-color:#9D0B00 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor