

# Converting Colors

Hex(99000D)

Have a look what the booklet for  
Hex(99000D) contains.

<b>Hex(99000D)</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(99000D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99000D
RGB	153, 0, 13
RGB Percent	60%, 0%, 5%
CMY	0.4000, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.92, 0.40
HSL	355°, 100%, 30%
HSV	355°, 100%, 60%
XYZ	13.2095, 6.8014, 0.9973
YIQ	47.2290, 87.0150, 36.4790

# Conversions

## Conversions Part 2

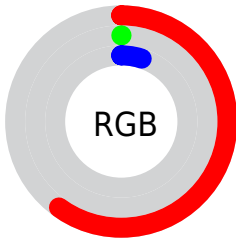
Format	Color
<b>RYB</b>	153, 0, 13
Decimal	10027021
CIELab	31.35, 54.90, 39.79
CIELCh	31, 67.801, 35.937
Yxy	6.8014, 0.6288, 0.3237
Android (android.graphics.Color)	4288217101 (0xFF99000D)
YUV	47.2290, -16.8749, 92.7612
Hunter-Lab	26.0794, 44.7732, 15.9882

# Details

The Hex color **99000D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00998C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **D74939**, and **5C0000** is the 20% darker color. If you saturate the color by 10%, you get **99000D**, and if you desaturate by 10%, it is **990F1B**.

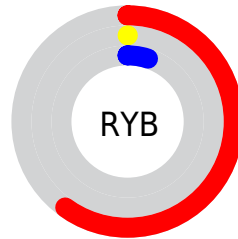
# Distribution



Red (60%)

Green (0%)

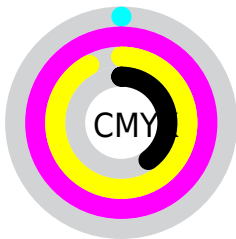
Blue (5%)



Red (60%)

Yellow (0%)

Blue (5%)

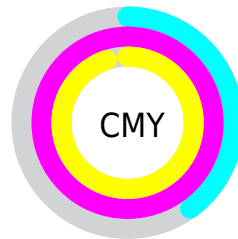


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (40%)



Cyan (40%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99000D 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 99000D by changing the saturation by 10% instead.



 99000D

 99000D

 FFFFFF1

 7B0000

 D74939

 5C0000

 F76551

 400002

 FF8069

 1F0001

 FF9C83

 000000

 FFB99D

 FFD5B8

 FFF3D4

 99000D

 990F1B

 991F29

 992E37

 993D45

 994D53

 995C61

 996B6F

 997A7D

 998A8B

# Harmonies

## Analogous

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



A20042



99000D



7C3500

# Triad

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



99000D



005C19



004EB6

# Complementary

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



99000D



00998C

# 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.



005BAC



99000D



005E53

# Square

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



99000D



0F5700



005F88



5035A1

# Rectangle

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



99000D



614600



005F88



0054B6



# Sweetspot

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



99000D



C78B90



8A0099



634043



E3E3E3



636363



# Same Dimension

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



99000D



C70011



993D00



4D4546



8C000C



0D0001



# Inverse Universe

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



99000D



C70011



005C99



4D4546



8C000C



0D0001



# Previews

## White Background



This preview shows how the Hex color 99000D looks on a white background.

## Color Contrast Check

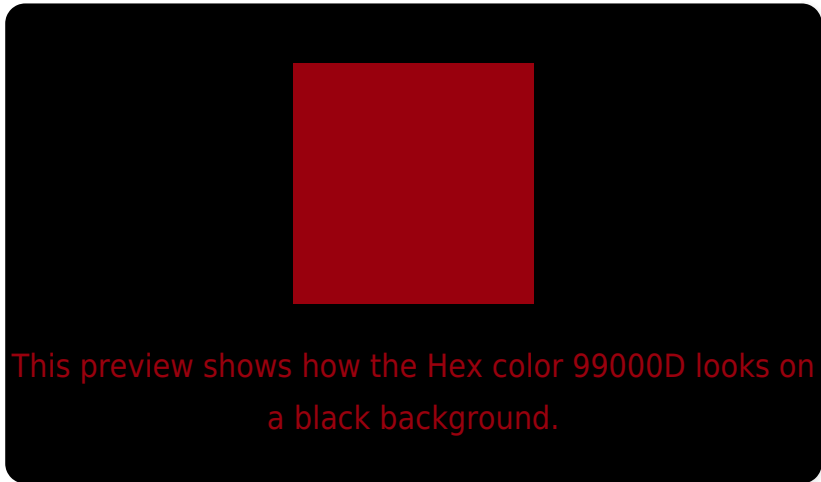
Large Text (above 18pt) WCAG AA ✓ Pass

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 99000D Background



This preview shows how black text looks on a background with the Hex color 99000D.



This preview shows how white text looks on a background with the Hex color 99000D.

# 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**  
99000D

**Protanopia**  
564D1A

**Deuteranopia**  
614900



**Tritanopia**  
980E00

# Trichromacy



**Original Color**  
99000D

**Protanomaly**  
6E3115

**Deuteranomaly**  
752E05

**Tritanomaly**  
980905

# Monochromacy



**Original Color**  
99000D

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
561E23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99000D 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 #99000D looks like.

```
.text, #text, p{  
    color:#99000D  
}
```

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 #99000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99000D }  
}
```

## Border

The CSS property to change the border of an element to Hex 99000D is called "border". The border property can be set on classes, ids or directly on the HTML element.

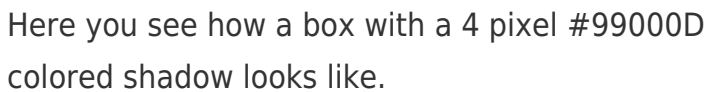
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #99000D }  
}
```

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

```
.border{ border-color:#99000D }
```

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



Here you see how a box with a 4 pixel #99000D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99000D; -webkit-box-shadow:4px 4px  
4px 4px #99000D; box-shadow:4px 4px 4px  
4px #99000D }
```

# Background

The CSS property to change the background color of an element to Hex 99000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99000D }
```

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

```
.background{ background-color:#99000D }
```

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