

# Converting Colors

Hex(90001C)

Have a look what the booklet for  
Hex(90001C) contains.

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**Color**

**Hex(90001C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90001C
RGB	144, 0, 28
RGB Percent	56%, 0%, 11%
CMY	0.4353, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.81, 0.44
HSL	348°, 100%, 28%
HSV	348°, 100%, 56%
XYZ	11.7112, 6.0131, 1.6420
YIQ	46.2480, 76.8360, 39.2360

# Conversions

## Conversions Part 2

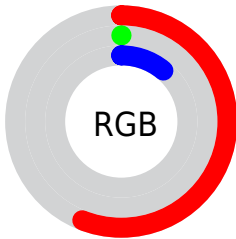
Format	Color
<b>RYB</b>	144, 0, 28
Decimal	9437212
CIELab	29.45, 52.92, 28.94
CIELCh	29, 60.316, 28.675
Yxy	6.0131, 0.6047, 0.3105
Android (android.graphics.Color)	4287627292 (0xFF90001C)
YUV	46.2480, -8.9963, 85.7285
Hunter-Lab	24.5217, 42.3360, 13.1950

# Details

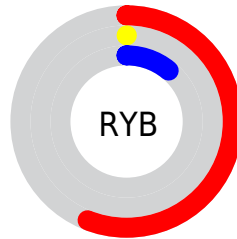
The Hex color **90001C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009074**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **CD4748**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **90001C**, and if you desaturate by 10%, it is **900E28**.

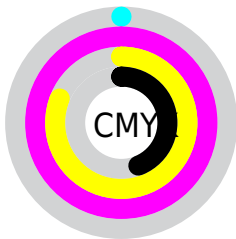
# Distribution



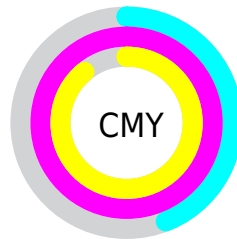
- Red (56%)
- Green (0%)
- Blue (11%)



- Red (56%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90001C 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 90001C by changing the saturation by 10% instead.



 90001C

 90001C

FFFFFF

 720004

 CD4748

 540000

 EC635F

 3A0002

 FF7E78

 120000

 FF9A92

 000000

 FFB6AD

 FFD2C8

 FFF0E4

 90001C

 900E28

 901D33

 902B3F

 903A4A

 904856

 905662

 90656D

 907379

 908284

# Harmonies

## Analogous

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



92004A



90001C



7B2D00

# Triad

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



90001C



00550D



004DA5

# Complementary

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



90001C



009074

# 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.



005696



90001C



005842

# Square

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



90001C



294F00



005871



343A99

# Rectangle

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



90001C



643D00



005871



0051A3



# Sweetspot

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



90001C



BA828D



730090



5E3C43



DEDEDE



5E5E5E



# Same Dimension

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



90001C



BA0024



902B00



474042



87001A



080001



# Inverse Universe

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



90001C



BA0024



006590



474042



87001A



080001



# Previews

## White Background



This preview shows how the Hex color 90001C looks on a white background.

## Color Contrast Check

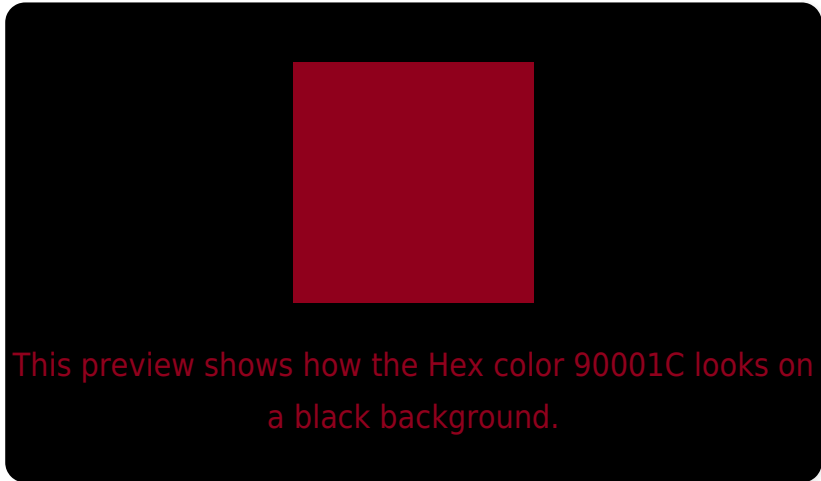
Large Text (above 18pt) WCAG AA ✓ Pass

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 90001C Background



This preview shows how black text looks on a background with the Hex color 90001C.



This preview shows how white text looks on a background with the Hex color 90001C.

# 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**  
90001C

**Protanopia**  
50492C

**Deuteranopia**  
5C4511



**Tritanopia**  
900D00

# Trichromacy



**Original Color**  
90001C

**Protanomaly**  
672E26

**Deuteranomaly**  
6F2C15

**Tritanomaly**  
90080A

# Monochromacy



**Original Color**  
90001C

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
521D27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90001C 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 #90001C looks like.

```
.text, #text, p{  
    color:#90001C  
}
```

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 #90001C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90001C
}
```

## Border

The CSS property to change the border of an element to Hex 90001C is called "border". The border property can be set on classes, ids or directly on the HTML element.

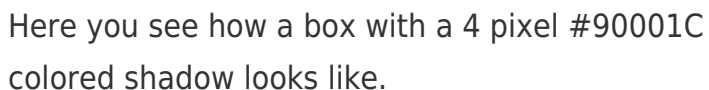
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90001C }
```

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

```
.border{ border-color:#90001C }
```

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



Here you see how a box with a 4 pixel #90001C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90001C; -webkit-box-shadow:4px 4px  
4px 4px #90001C; box-shadow:4px 4px 4px  
4px #90001C }
```

# Background

The CSS property to change the background color of an element to Hex 90001C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90001C }
```

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

```
.background{ background-color:#90001C }
```

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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