

# Converting Colors

Hex(910117)

Have a look what the booklet for  
Hex(910117) contains.

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**Color**

**Hex(910117)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	910117
RGB	145, 1, 23
RGB Percent	57%, 0%, 9%
CMY	0.4314, 0.9961, 0.9098
CMYK	0.00, 0.99, 0.84, 0.43
HSL	351°, 99%, 29%
HSV	351°, 99%, 57%
XYZ	11.8426, 6.1033, 1.3645
YIQ	46.5640, 78.7620, 37.3700

# Conversions

## Conversions Part 2

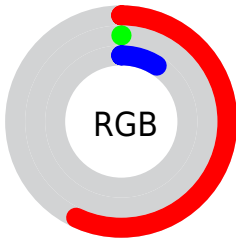
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 1, 23
Decimal	9502999
CIELab	29.67, 52.87, 32.29
CIELCh	30, 61.951, 31.413
Yxy	6.1033, 0.6133, 0.3161
Android (android.graphics.Color)	4287693079 (0xFF910117)
YUV	46.5640, -11.6171, 86.3284
Hunter-Lab	24.7049, 42.3324, 14.0187

# Details

The Hex color **910117** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **01917B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **CE4843**, and **550000** is the 20% darker color. If you saturate the color by 10%, you get **910016**, and if you desaturate by 10%, it is **910F23**.

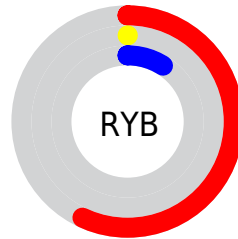
# Distribution



Red (57%)

Green (0%)

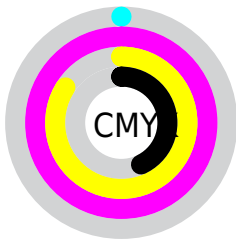
Blue (9%)



Red (57%)

Yellow (0%)

Blue (9%)

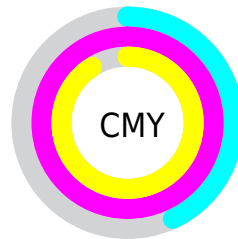


Cyan (0%)

Magenta (99%)

Yellow (84%)

Black (43%)



Cyan (43%)

Magenta (100%)


Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 910117 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 910117 by changing the saturation by 10% instead.



 910117

 910117

 FFFFFB

 730000

 CE4843

 550000

 ED635A

 3B0002

 FF7E73

 130000

 FF9A8C

 000000

 FFB6A7

 FFD3C2

 FFF0DE

 910117

 910117

■ 910016

■ 910F23

■ 911E30

■ 912D3C

■ 913B48

■ 914A54

■ 915861

■ 91666D

■ 917579

■ 918486

# Harmonies

## Analogous

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



950046



910117



792F00

# Triad

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



910117



005611



004CA8

# Complementary

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



910117



01917B

# 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.



00569B



910117



005947

# Square

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



910117



225100



005977



3E3799

# Rectangle

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



910117



623F00



005977



0051A7



# Sweetspot

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



910117



BD848D



790191



5E3C42



DEDEDE



5E5E5E



# Same Dimension

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



910117



BD001D



913101



474041



870015



080001



# Inverse Universe

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



910117



BD001D



016191



474041



870015



080001



# Previews

## White Background



This preview shows how the Hex color 910117 looks on a white background.

## Color Contrast Check

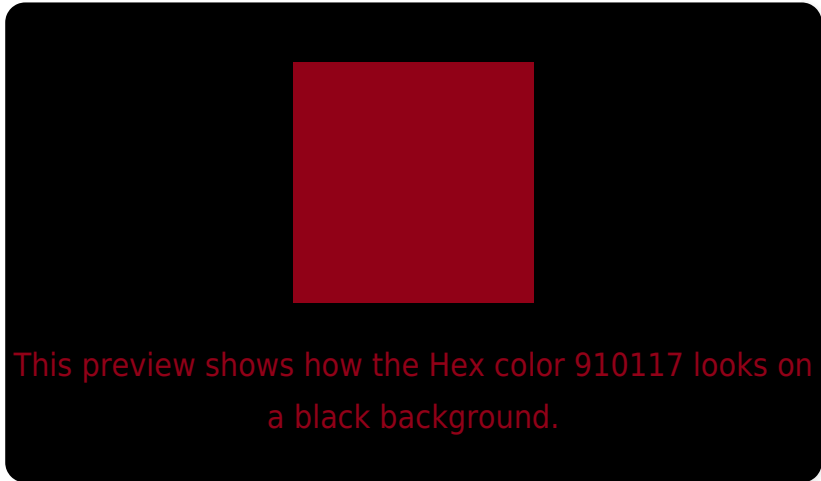
Large Text (above 18pt) WCAG AA ✓ Pass

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 910117 Background



This preview shows how black text looks on a background with the Hex color 910117.



This preview shows how white text looks on a background with the Hex color 910117.

# 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





**Tritanopia**  
900D00

# Trichromacy



**Original Color**  
910117

**Protanomaly**  
682F20

**Deuteranomaly**  
702D08

**Tritanomaly**  
900908

# Monochromacy



**Original Color**  
910117

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
531E26

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 910117 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 #910117 looks like.

```
.text, #text, p{  
    color:#910117  
}
```

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 #910117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #910117
}
```

## Border

The CSS property to change the border of an element to Hex 910117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

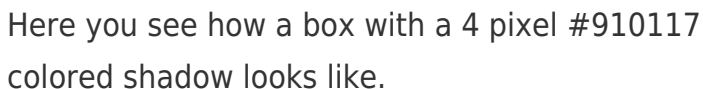
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#910117 }
```

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

```
.border{ border-color:#910117 }
```

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



Here you see how a box with a 4 pixel #910117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #910117; -webkit-box-shadow:4px 4px  
4px 4px #910117; box-shadow:4px 4px 4px  
4px #910117 }
```

# Background

The CSS property to change the background color of an element to Hex 910117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#910117 }
```

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

```
.background{ background-color:#910117 }
```

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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