

# Converting Colors

Hex(910023)

Have a look what the booklet for  
Hex(910023) contains.

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**Color**

**Hex(910023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	910023
RGB	145, 0, 35
RGB Percent	57%, 0%, 14%
CMY	0.4314, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.76, 0.43
HSL	346°, 100%, 28%
HSV	346°, 100%, 57%
XYZ	11.9804, 6.1411, 2.1440
YIQ	47.3450, 75.1850, 41.6250

# Conversions

## Conversions Part 2

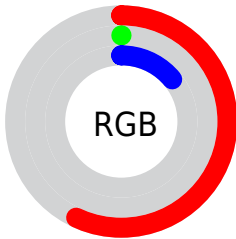
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 0, 35
Decimal	9502755
CIELab	29.77, 53.43, 24.90
CIElCh	30, 58.947, 24.986
Yxy	6.1411, 0.5912, 0.3030
Android (android.graphics.Color)	4287692835 (0xFF910023)
YUV	47.3450, -6.0861, 85.6434
Hunter-Lab	24.7812, 42.9283, 12.2172

# Details

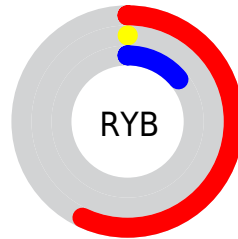
The Hex color **910023** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00916E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **CE484F**, and **560000** is the 20% darker color. If you saturate the color by 10%, you get **910023**, and if you desaturate by 10%, it is **910E2E**.

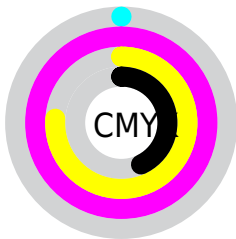
# Distribution



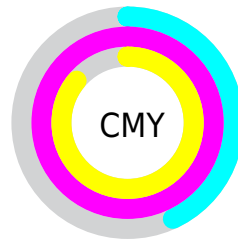
- Red (57%)
- Green (0%)
- Blue (14%)



- Red (57%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (43%)



- Cyan (43%)
- Magenta (100%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 910023 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 910023 by changing the saturation by 10% instead.



 910023

 910023

FFFFFF

 73000F

 CE484F

 560000

 ED6367

 3B0002

 FF7F80

 150000


 FF9A9A

 000000


 FFB6B5

 FFD3D1

 FFF0ED

 910023

 910E2E


 911D39

 912C44

 913A4F

 91495A

 915765

 916670

 91747B

 918386

# Harmonies

## Analogous

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



900050



910023



7E2B00

# Triad

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



910023



005507



004FA3

# Complementary

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



910023



00916E

# 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.



005792



910023



00583D

# Square

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



910023



324F00



00596C



253E9B

# Rectangle

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



910023



693C00



00596C



0052A0



# Sweetspot

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



910023



BD8492



6D0091



5E3C45



DEDEDE



5E5E5E



# Same Dimension

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



910023



BD002E



912400



474042



870021



080002



# Inverse Universe

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



910023



BD002E



006D91



474042



870021



080002



# Previews

## White Background



This preview shows how the Hex color 910023 looks on a white background.

## Color Contrast Check

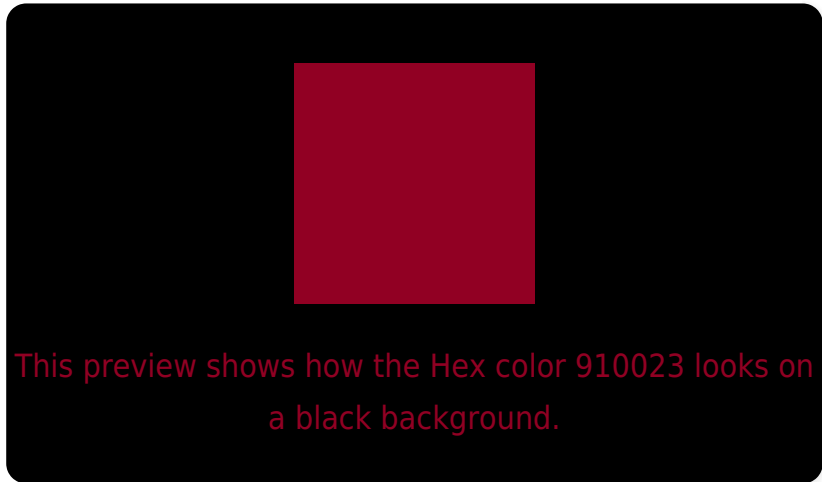
Large Text (above 18pt) WCAG AA ✓ Pass

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 910023 Background



This preview shows how black text looks on a background with the Hex color 910023.



This preview shows how white text looks on a background with the Hex color 910023.

# 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**  
910023

**Protanopia**  
4F4A35

**Deuteranopia**  
5C461A



**Tritanopia**  
910F09

# Trichromacy



**Original Color**  
910023

**Protanomaly**  
672F2E

**Deuteranomaly**  
6F2D1D

**Tritanomaly**  
910A12

# Monochromacy



**Original Color**  
910023

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
531E2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 910023 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 #910023 looks like.

```
.text, #text, p{  
    color:#910023  
}
```

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 #910023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #910023
}
```

## Border

The CSS property to change the border of an element to Hex 910023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

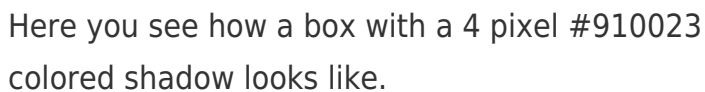
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#910023 }
```

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

```
.border{ border-color:#910023 }
```

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



Here you see how a box with a 4 pixel #910023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #910023; -webkit-box-shadow:4px 4px  
4px 4px #910023; box-shadow:4px 4px 4px  
4px #910023 }
```

# Background

The CSS property to change the background color of an element to Hex 910023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#910023 }
```

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

```
.background{ background-color:#910023 }
```

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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