

# Converting Colors

Hex(910035)

Have a look what the booklet for  
Hex(910035) contains.

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**Color**

**Hex(910035)**

# Conversions

## Conversions Part 1

Format	Color
Hex	910035
RGB	145, 0, 53
RGB Percent	57%, 0%, 21%
CMY	0.4314, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.63, 0.43
HSL	338°, 100%, 28%
HSV	338°, 100%, 57%
XYZ	12.3197, 6.2768, 3.9304
YIQ	49.3970, 69.4070, 47.2230

# Conversions

## Conversions Part 2

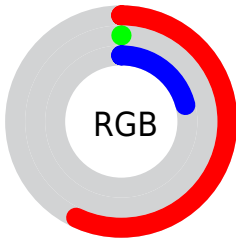
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 0, 53
Decimal	9502773
CIE <sub>Lab</sub>	30.10, 54.33, 13.39
CIE <sub>LCh</sub>	30, 55.957, 13.840
Yxy	6.2768, 0.5469, 0.2786
Android (android.graphics.Color)	4287692853 (0xFF910035)
YUV	49.3970, 1.7763, 83.8438
Hunter-Lab	25.0535, 43.9308, 8.2361

# Details

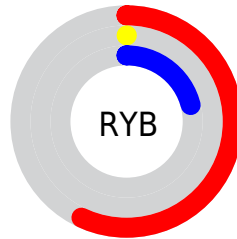
The Hex color **910035** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00915C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **CD4863**, and **570009** is the 20% darker color. If you saturate the color by 10%, you get **910035**, and if you desaturate by 10%, it is **910E3E**.

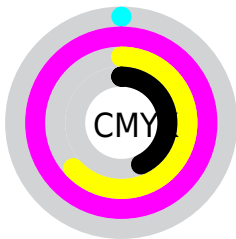
# Distribution



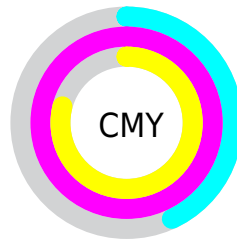
- Red (57%)
- Green (0%)
- Blue (21%)



- Red (57%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (43%)



- Cyan (43%)
- Magenta (100%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 910035 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 910035 by changing the saturation by 10% instead.



 910035

 910035

FFFFFF

 740020

 CD4863

 570009

 EB647C

 3D0003

 FF7F96

 180001

 FF9BB0

 000000


 FFB7CC

 FFD4E8


 FFF1FF

 910035


 910E3E


 911D47

 912C51


 913A5A

 914963

 91576C

 916675

 91747F

 918388

# Harmonies

## Analogous

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



870D60



910035



852409

# Triad

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



910035



015400



00539B

# Complementary

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



910035



00915C

# 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.



005883



910035



00582D

# Square

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



910035



454B00



00595B



00469D

# Rectangle

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



910035



753500



00595B



005596



# Sweetspot

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



910035



BD8499



5C0091



5E3C49



DEDEDE



5E5E5E



# Same Dimension

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



910035



BD0045



911300



474043



870031



080003



# Inverse Universe

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



910035



BD0045



007E91



474043



870031

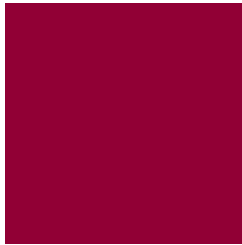


080003



# Previews

## White Background



This preview shows how the Hex color 910035 looks on a white background.

## Color Contrast Check

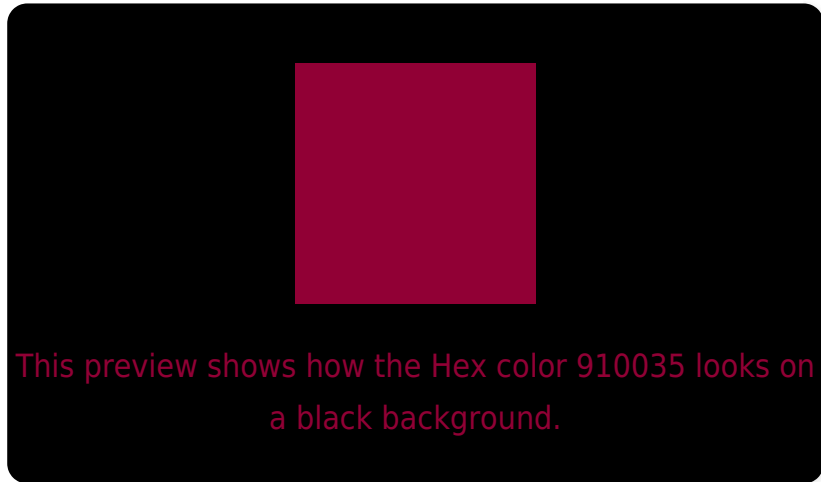
Large Text (above 18pt) WCAG AA ✓ Pass

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 910035 Background



This preview shows how black text looks on a background with the Hex color 910035.



This preview shows how white text looks on a background with the Hex color 910035.

# 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**  
910035

**Protanopia**  
4B4A4E

**Deuteranopia**  
5A472F



**Tritanopia**  
901513

# Trichromacy



**Original Color**  
910035

**Protanomaly**  
642F45

**Deuteranomaly**  
6E2D31

**Tritanomaly**  
900D1F

# Monochromacy



**Original Color**  
910035

**Achromatopsia**  
313131

**Achromatomaly**  
541F32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 910035 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 #910035 looks like.

```
.text, #text, p{  
    color:#910035  
}
```

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 #910035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #910035
}
```

## Border

The CSS property to change the border of an element to Hex 910035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

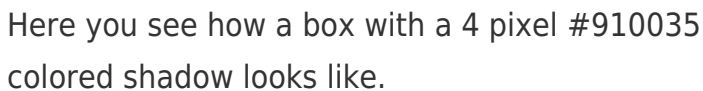
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#910035 }
```

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

```
.border{ border-color:#910035 }
```

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



Here you see how a box with a 4 pixel #910035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #910035; -webkit-box-shadow:4px 4px  
4px 4px #910035; box-shadow:4px 4px 4px  
4px #910035 }
```

# Background

The CSS property to change the background color of an element to Hex 910035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#910035 }
```

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

```
.background{ background-color:#910035 }
```

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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