

# Converting Colors

Hex(910821)

Have a look what the booklet for  
Hex(910821) contains.

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**Color**

**Hex(910821)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	910821
RGB	145, 8, 33
RGB Percent	57%, 3%, 13%
CMY	0.4314, 0.9686, 0.8706
CMYK	0.00, 0.94, 0.77, 0.43
HSL	349°, 90%, 30%
HSV	349°, 94%, 57%
XYZ	12.0384, 6.3032, 2.0210
YIQ	51.8130, 73.6270, 36.8190

# Conversions

## Conversions Part 2

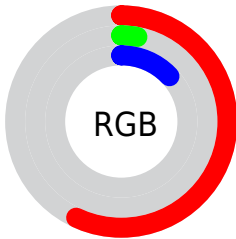
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	145, 8, 33
Decimal	9504801
CIE <sub>Lab</sub>	30.16, 52.11, 26.64
CIE <sub>LCh</sub>	30, 58.528, 27.076
Yxy	6.3032, 0.5912, 0.3095
Android (android.graphics.Color)	4287694881 (0xFF910821)
YUV	51.8130, -9.2748, 81.7250
Hunter-Lab	25.1062, 41.6547, 12.8016

# Details

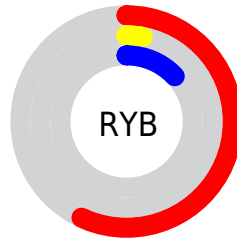
The Hex color **910821** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **089178**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **CE4A4D**, and **560000** is the 20% darker color. If you saturate the color by 10%, you get **91001A**, and if you desaturate by 10%, it is **91172D**.

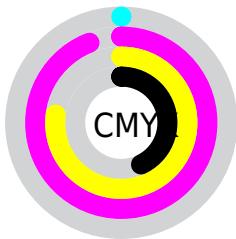
# Distribution



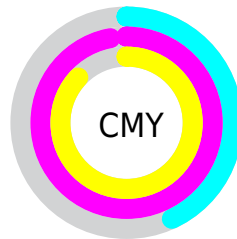
- Red (57%)
- Green (3%)
- Blue (13%)



- Red (57%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (94%)
- Yellow (77%)
- Black (43%)



- Cyan (43%)
- Magenta (97%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 910821 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 910821 by changing the saturation by 10% instead.



 910821

 910821

FFFFFF

 73000C

 CE4A4D

 560000

 ED6665

 3B0002

 FF817E

 150000

 FF9D98

 000000

 FFB9B3

 FFD5CE

 FFF3EB

 910821

 910821

■ 91001A

■ 91172D

■ 912539

■ 913445

■ 914250

■ 91515C

■ 915F68

■ 916E74

■ 917C80

■ 918B8C

# Harmonies

## Analogous

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



92004E



910821



7D2E00

# Triad

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



910821



00560E



004FA4

# Complementary

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



910821



089178

# 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.



005794



910821



005941

# Square

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



910821



305000



005A70



313D99

# Rectangle

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



910821



683E00



005A70



0052A1



# Sweetspot

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



910821



BD8892



780891



5E3E44



DEDEDE



5E5E5E



# Same Dimension

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



910821



BD0022



913308



474042



870019



080001



# Inverse Universe

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



910821



BD0022



086691



474042



870019

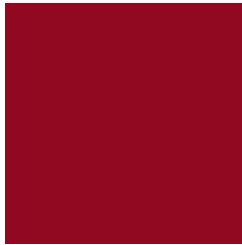


080001



# Previews

## White Background



This preview shows how the Hex color 910821 looks on a white background.

## Color Contrast Check

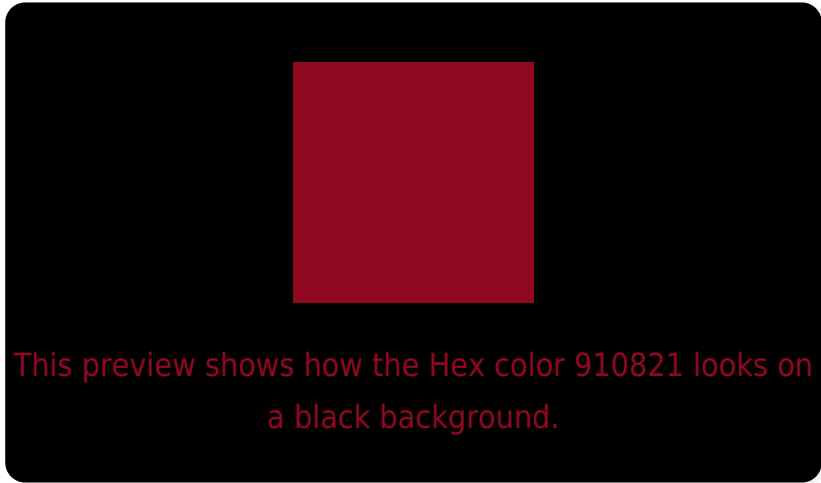
Large Text (above 18pt) WCAG AA ✓ Pass

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 910821 Background



This preview shows how black text looks on a background with the Hex color 910821.

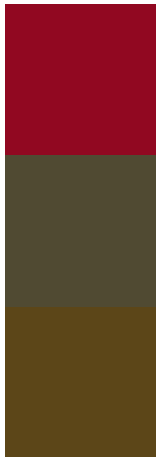


This preview shows how white text looks on a background with the Hex color 910821.

# 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**  
910821

**Protanopia**  
504A32

**Deuteranopia**  
5C4618



# Trichromacy



**Original Color**  
910821

**Protanomaly**  
68322C

**Deuteranomaly**  
6F2F1B

**Tritanomaly**  
910C12

# Monochromacy



**Original Color**  
910821

**Achromatopsia**  
343434

**Achromatomaly**  
56242D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 910821 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 #910821 looks like.

```
.text, #text, p{  
  color:#910821  
}
```

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 #910821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #910821
}
```

## Border

The CSS property to change the border of an element to Hex 910821 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".

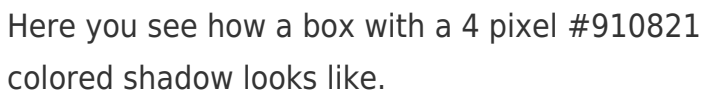
```
.border, #border, table{ border:4px solid
#910821 }
```

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

```
.border{ border-color:#910821 }
```

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

Here you see how a box with a 4 pixel #910821 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #910821; -webkit-box-shadow:4px 4px  
4px 4px #910821; box-shadow:4px 4px 4px  
4px #910821 }
```

# Background

The CSS property to change the background color of an element to Hex 910821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#910821 }
```

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

```
.background{ background-color:#910821 }
```

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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