

# Converting Colors

Hex(911940)

Have a look what the booklet for  
Hex(911940) contains.

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**Color**

**Hex(911940)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	911940
RGB	145, 25, 64
RGB Percent	57%, 10%, 25%
CMY	0.4314, 0.9020, 0.7490
CMYK	0.00, 0.83, 0.56, 0.43
HSL	340°, 71%, 33%
HSV	340°, 83%, 57%
XYZ	12.9501, 7.0852, 5.5355
YIQ	65.3260, 59.0010, 37.5690

# Conversions

## Conversions Part 2

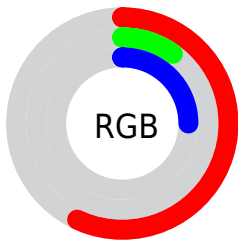
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 25, 64
Decimal	9509184
CIE Lab	32.00, 50.39, 8.67
CIE LCh	32, 51.129, 9.761
Yxy	7.0852, 0.5064, 0.2771
Android (android.graphics.Color)	4287699264 (0xFF911940)
YUV	65.3260, -0.6537, 69.8741
Hunter-Lab	26.6180, 40.2618, 6.3025

# Details

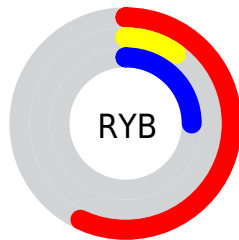
The Hex color **911940** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **19916A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **CC536F**, and **580016** is the 20% darker color. If you saturate the color by 10%, you get **910B36**, and if you desaturate by 10%, it is **91274A**.

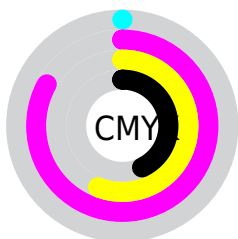
# Distribution



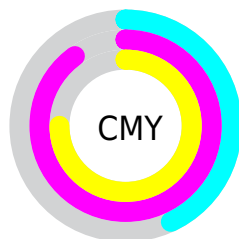
- Red (57%)
- Green (10%)
- Blue (25%)



- Red (57%)
- Yellow (10%)
- Blue (25%)



- Cyan (0%)
- Magenta (83%)
- Yellow (56%)
- Black (43%)




- Cyan (43%)
- Magenta (90%)
- Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 911940 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 911940 by changing the saturation by 10% instead.



 911940

 911940

FFFFFF

 74002A

 CC536F

 580016

 EA6E89

 3E0001

 FF89A3

 1D0001


 FFA5BE


 000000

 FFC1DA

 FFDEF6

 FFFBFF

 911940

 911940

■ 910B36

■ 91274A

■ 91002F

■ 913654

■ 91445D

■ 915367

■ 916171

■ 91707B

■ 917E85

■ 918D8E

■ 919B98

# Harmonies

## Analogous

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



842368



911940



892B19

# Triad

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



911940



225700



005797

# Complementary

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



911940



19916A

# 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.



005C7E



911940



005B2E

# Square

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



911940



514E00



005D58



004C9B

# Rectangle

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



911940



7B3900



005D58



005991



# Sweetspot

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



911940



BD8E9D



691991



5E424B



DEDEDE



5E5E5E



# Same Dimension

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



911940



BD023F



912D19



474043



87002C



080002



# Inverse Universe

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



911940



BD023F



197D91



474043



87002C

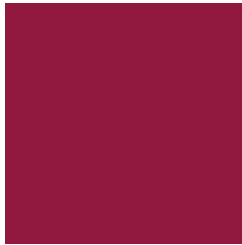


080002



# Previews

## White Background



This preview shows how the Hex color 911940 looks on a white background.

## Color Contrast Check

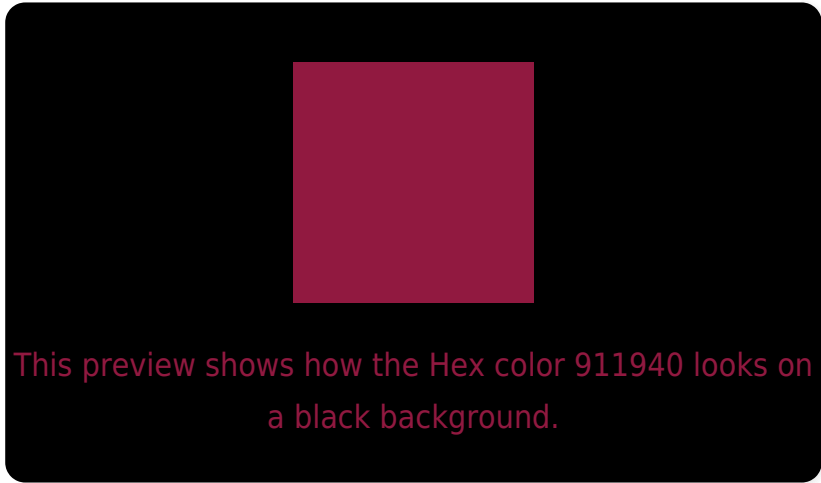
Large Text (above 18pt) WCAG AA ✓ Pass

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 911940 Background



This preview shows how black text looks on a background with the Hex color 911940.



This preview shows how white text looks on a background with the Hex color 911940.

# 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**  
911940

**Protanopia**  
4B4C59

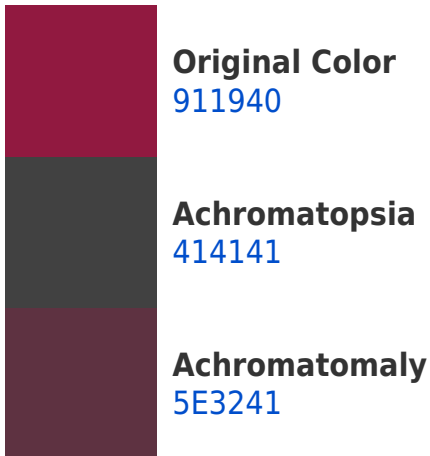
**Deuteranopia**  
5B4A3A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 911940 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 #911940 looks like.

```
.text, #text, p{  
    color:#911940  
}
```

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 #911940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #911940
}
```

## Border

The CSS property to change the border of an element to Hex 911940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

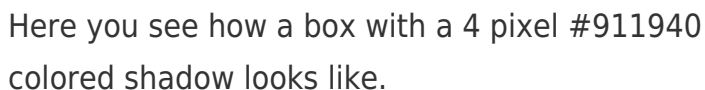
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#911940 }
```

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

```
.border{ border-color:#911940 }
```

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



Here you see how a box with a 4 pixel #911940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #911940; -webkit-box-shadow:4px 4px  
4px 4px #911940; box-shadow:4px 4px 4px  
4px #911940 }
```

# Background

The CSS property to change the background color of an element to Hex 911940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#911940 }
```

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

```
.background{ background-color:#911940 }
```

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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