

# Converting Colors

Hex(913358)

Have a look what the booklet for  
Hex(913358) contains.

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**Color**

**Hex(913358)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	913358
RGB	145, 51, 88
RGB Percent	57%, 20%, 35%
CMY	0.4314, 0.8000, 0.6549
CMYK	0.00, 0.65, 0.39, 0.43
HSL	336°, 48%, 38%
HSV	336°, 65%, 57%
XYZ	14.6223, 9.0920, 10.2168
YIQ	83.3240, 44.1470, 31.4350

# Conversions

## Conversions Part 2

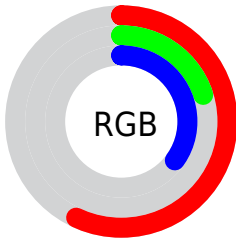
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 51, 88
Decimal	9515864
CIELab	36.16, 43.08, -0.95
CIELCh	36, 43.094, 358.736
Yxy	9.0920, 0.4309, 0.2680
Android (android.graphics.Color)	4287705944 (0xFF913358)
YUV	83.3240, 2.3053, 54.0899
Hunter-Lab	30.1529, 33.7941, 1.0177

# Details

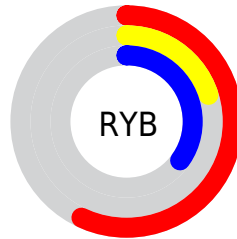
The Hex color **913358** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **33916C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **CA678A**, and **5A002B** is the 20% darker color. If you saturate the color by 10%, you get **91254F**, and if you desaturate by 10%, it is **914261**.

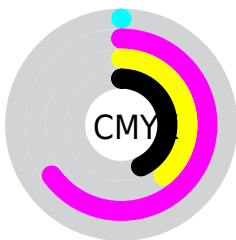
# Distribution



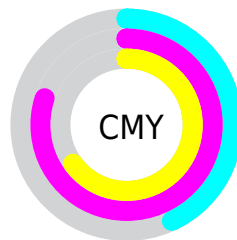
- Red (57%)
- Green (20%)
- Blue (35%)



- Red (57%)
- Yellow (20%)
- Blue (35%)



- Cyan (0%)
- Magenta (65%)
- Yellow (39%)
- Black (43%)




- Cyan (43%)
- Magenta (80%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 913358 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 913358 by changing the saturation by 10% instead.



 913358

 913358

FFFFFF

 751741

 CA678A

 5A002B

 E781A4

 400016

 FF9CBF

 280001

 FFB8DB


 000000

 FFD4F7

 FFF1FF

 913358

 913358

 91254F

 914261

911646

91506A

91083E

915F72

910039

916D7B

917C84

918A8D

919996

91A79E

91B6A7

# Harmonies

## Analogous

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



7D3D79



913358



913836

# Triad

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



913358



455D11



006290

# Complementary

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



913358



33916C

# 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.



006575



913358



0A622F

# Square

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



913358



675304



006552



005A9A

# Rectangle

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



913358



884022



006552



006388



# Sweetspot

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



913358



BD99A7



6B3391



5E4951



DEDEDE



5E5E5E



# Same Dimension

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



913358



BD2A63



913C33



474043



870035



080003



# Inverse Universe

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



913358



BD2A63



338891



474043



870035

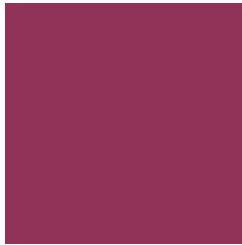


080003



# Previews

## White Background



This preview shows how the Hex color 913358 looks on a white background.

## Color Contrast Check

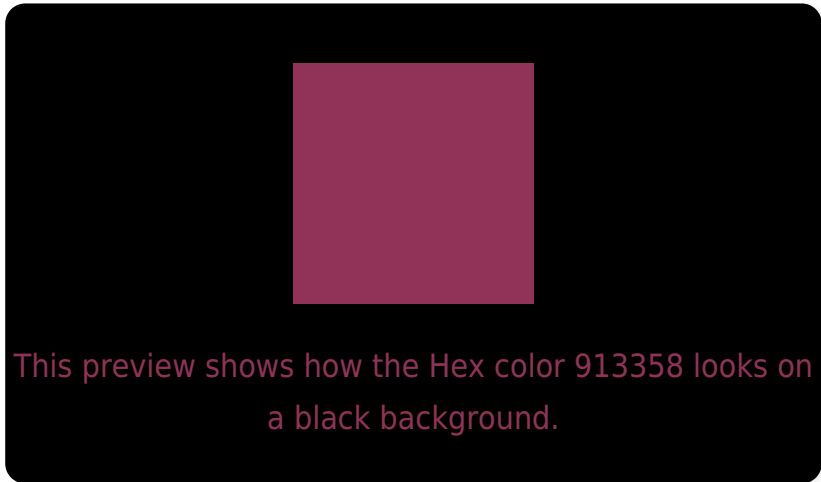
Large Text (above 18pt) WCAG AA ✓ Pass

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

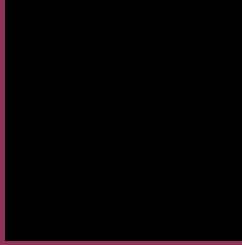
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 913358 Background



This preview shows how black text looks on a background with the Hex color 913358.




This preview shows how white text looks on a background with the Hex color 913358.

# 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**  
8F393D

# Trichromacy



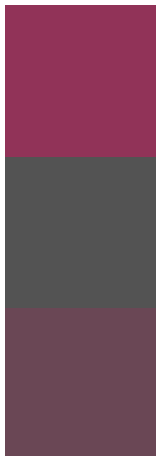
**Original Color**  
913358

**Protanomaly**  
684965

**Deuteranomaly**  
714755

**Tritanomaly**  
903747

# Monochromacy



**Original Color**  
913358

**Achromatopsia**  
535353

**Achromatomaly**  
6A4755

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 913358 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 #913358 looks like.

```
.text, #text, p{  
    color:#913358  
}
```

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 #913358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #913358 }  
}
```

## Border

The CSS property to change the border of an element to Hex 913358 is called "border". The border property can be set on classes, ids or directly on the HTML element.

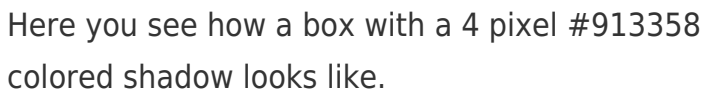
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #913358 }  
}
```

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

```
.border{ border-color:#913358 }
```

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



Here you see how a box with a 4 pixel #913358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #913358; -webkit-box-shadow:4px 4px  
4px 4px #913358; box-shadow:4px 4px 4px  
4px #913358 }
```

# Background

The CSS property to change the background color of an element to Hex 913358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#913358 }
```

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

```
.background{ background-color:#913358 }
```

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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