

# Converting Colors

Hex(913986)

Have a look what the booklet for  
Hex(913986) contains.

<b>Hex(913986)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(913986)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	913986
RGB	145, 57, 134
RGB Percent	57%, 22%, 53%
CMY	0.4314, 0.7765, 0.4745
CMYK	0.00, 0.61, 0.08, 0.43
HSL	308°, 44%, 40%
HSV	308°, 61%, 57%
XYZ	17.4433, 10.6672, 23.6939
YIQ	92.0900, 27.7310, 42.6030

# Conversions

## Conversions Part 2

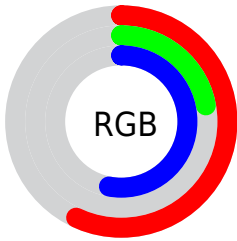
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 57, 134
Decimal	9517446
CIE <sub>Lab</sub>	39.01, 47.01, -25.44
CIE <sub>LCh</sub>	39, 53.455, 331.575
Yxy	10.6672, 0.3367, 0.2059
Android (android.graphics.Color)	4287707526 (0xFF913986)
YUV	92.0900, 20.6616, 46.4021
Hunter-Lab	32.6607, 38.1760, -20.1497

# Details

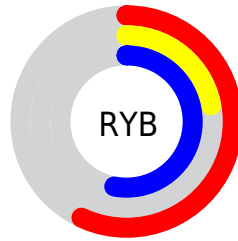
The Hex color **913986** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **399144**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C96DBB**, and **5C0054** is the 20% darker color. If you saturate the color by 10%, you get **912B84**, and if you desaturate by 10%, it is **914888**.

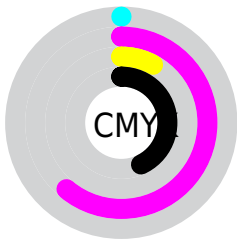
# Distribution



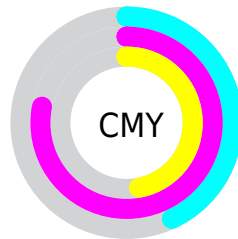
- Red (57%)
- Green (22%)
- Blue (53%)



- Red (57%)
- Yellow (22%)
- Blue (53%)



- Cyan (0%)
- Magenta (61%)
- Yellow (8%)
- Black (43%)




- Cyan (43%)
- Magenta (78%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 913986 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 913986 by changing the saturation by 10% instead.



 913986

 913986

FFFFFF

 761D6D

 C96DBB

 5C0054

 E688D7

 42003C

 FFA3F4

 2C0027

 FFBFFF

 00010F


 FFDCFF

 000000

 FFF9FF

 913986

 913986

 912B84

 914888

911C82

91568A

910D81

91648B

91007F

91738D

91828F

919091

919F93

91AD94

91BB96

# Harmonies

## Analogous

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



5C4FA7



913986



A72B5B

# Triad

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



913986



6D5B00



006F88

# Complementary

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



913986



399144

# 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.



006F5D



913986



416600

# Square

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



913986



8F4905



006C30



006BA8

# Rectangle

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



913986



A72F3F



006C30



006F7B



# Sweetspot

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



913986



BD9BB8



433991



5E4A5C



DEDEDE



5E5E5E



# Same Dimension

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



913986



BD33AB



91395B



474047



870076



080007



# Inverse Universe

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



913986



BD33AB



39916F



474047



870076



080007



# Previews

## White Background



This preview shows how the Hex color 913986 looks on a white background.

## Color Contrast Check

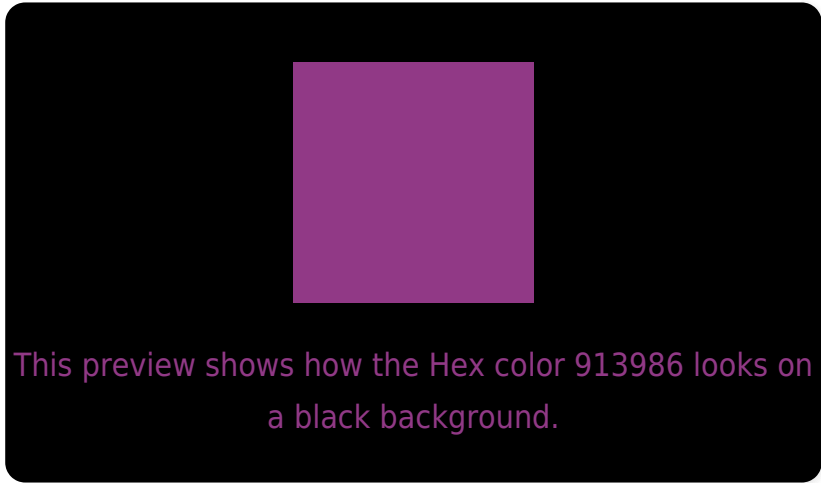
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

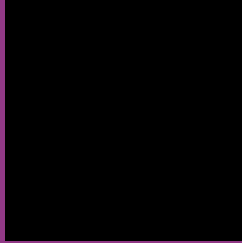
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 913986 Background



This preview shows how black text looks on a background with the Hex color 913986.

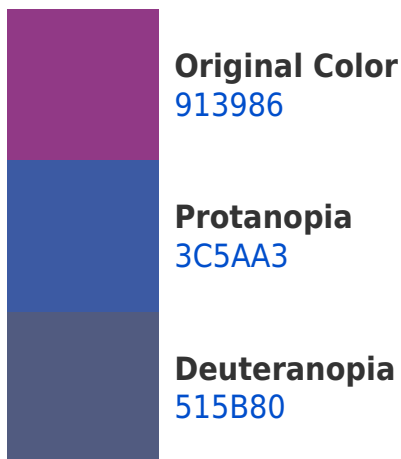


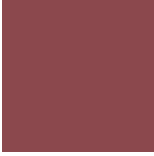
This preview shows how white text looks on a background with the Hex color 913986.

# 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**  
8B484D

# Trichromacy



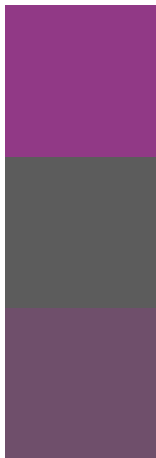
**Original Color**  
913986

**Protanomaly**  
5B4E98

**Deuteranomaly**  
684F82

**Tritanomaly**  
8D4362

# Monochromacy



**Original Color**  
913986

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
6F4F6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 913986 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 #913986 looks like.

```
.text, #text, p{  
    color:#913986  
}
```

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 #913986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #913986
}
```

## Border

The CSS property to change the border of an element to Hex 913986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

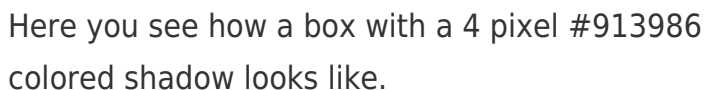
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#913986 }
```

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

```
.border{ border-color:#913986 }
```

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



Here you see how a box with a 4 pixel #913986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #913986; -webkit-box-shadow:4px 4px  
4px 4px #913986; box-shadow:4px 4px 4px  
4px #913986 }
```

# Background

The CSS property to change the background color of an element to Hex 913986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#913986 }
```

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

```
.background{ background-color:#913986 }
```

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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