

# Converting Colors

Hex(914E73)

Have a look what the booklet for  
Hex(914E73) contains.

<b>Hex(914E73)</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(914E73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	914E73
RGB	145, 78, 115
RGB Percent	57%, 31%, 45%
CMY	0.4314, 0.6941, 0.5490
CMYK	0.00, 0.46, 0.21, 0.43
HSL	327°, 30%, 44%
HSV	327°, 46%, 57%
XYZ	17.4960, 12.7063, 17.7501
YIQ	102.2510, 28.0550, 25.7110

# Conversions

## Conversions Part 2

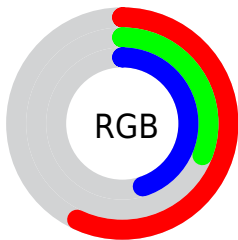
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 78, 115
Decimal	9522803
CIE <sub>Lab</sub>	42.32, 33.06, -8.71
CIE <sub>LCh</sub>	42, 34.186, 345.242
Yxy	12.7063, 0.3649, 0.2650
Android (android.graphics.Color)	4287712883 (0xFF914E73)
YUV	102.2510, 6.2853, 37.4909
Hunter-Lab	35.6459, 25.2321, -4.5716

# Details

The Hex color **914E73** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E916C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C881A7**, and **5C1D43** is the 20% darker color. If you saturate the color by 10%, you get **91406D**, and if you desaturate by 10%, it is **915D79**.

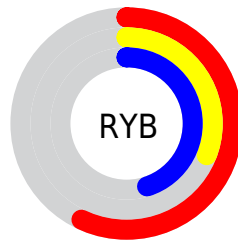
# Distribution



Red (57%)

Green (31%)

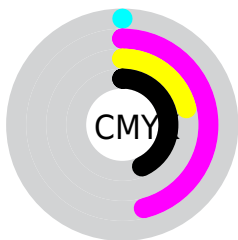
Blue (45%)



Red (57%)

Yellow (31%)

Blue (45%)

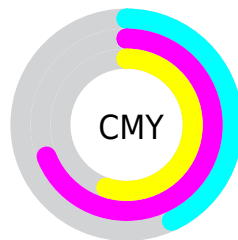


Cyan (0%)

Magenta (46%)

Yellow (21%)

Black (43%)



Cyan (43%)

Magenta (69%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 914E73 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 914E73 by changing the saturation by 10% instead.



914E73

914E73

FFFFFF

76365A

C881A7

5C1D43

E59BC2

43032D

FFB7DE

2D0019

FFD3FB

000000

FFEFFF

914E73

914E73

91406D

915D79

913166

916B80

912360

917A86

911459

91888D

910653

919793

910050

91A59A

91B4A0

91C2A7

91D1AD

# Harmonies

## Analogous

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



78578C



914E73



994D57

# Triad

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



914E73



67672B



00708B

# Complementary

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



914E73



4E916C

# 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.



007272



914E73



476E3B

# Square

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



914E73



805D2D



177155



006B9A

# Rectangle

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



914E73



965045



177155



007184



# Sweetspot

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



914E73



BDA2B1



6B4E91



5E4E57



DEDEDE



5E5E5E



# Same Dimension

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



914E73



BD558E



914E52



474044



87004B



080004



# Inverse Universe

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



914E73



BD558E



4E918D



474044



87004B

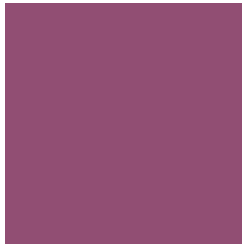


080004



# Previews

## White Background



This preview shows how the Hex color 914E73 looks on a white background.

## Color Contrast Check

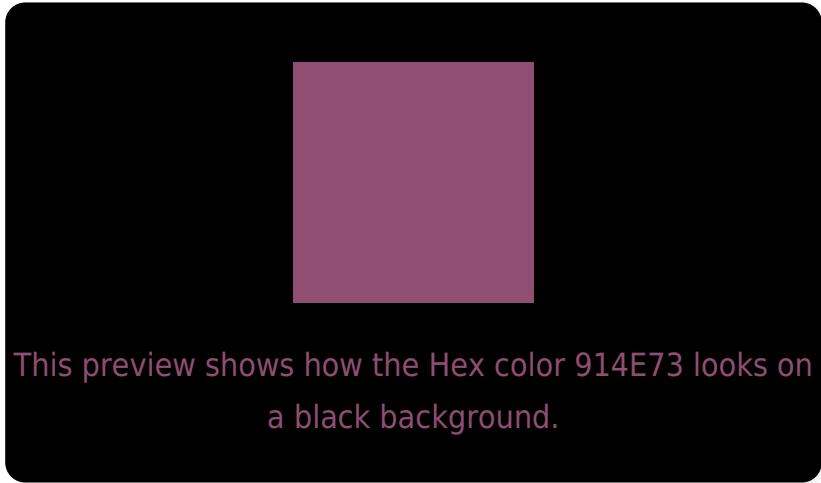
Large Text (above 18pt) WCAG AA ✓ Pass

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

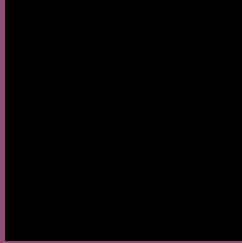
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 914E73 Background



This preview shows how black text looks on a background with the Hex color 914E73.



This preview shows how white text looks on a background with the Hex color 914E73.

# 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**  
8E5359

# Trichromacy



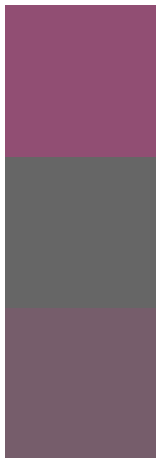
**Original Color**  
914E73

**Protanomaly**  
705B7D

**Deuteranomaly**  
785B71

**Tritanomaly**  
8F5162

# Monochromacy



**Original Color**  
914E73

**Achromatopsia**  
666666

**Achromatomaly**  
765D6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 914E73 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 #914E73 looks like.

```
.text, #text, p{  
    color:#914E73  
}
```

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 #914E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #914E73
}
```

## Border

The CSS property to change the border of an element to Hex 914E73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

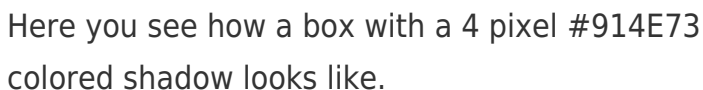
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#914E73 }
```

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

```
.border{ border-color:#914E73 }
```

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



Here you see how a box with a 4 pixel #914E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #914E73; -webkit-box-shadow:4px 4px  
4px 4px #914E73; box-shadow:4px 4px 4px  
4px #914E73 }
```

# Background

The CSS property to change the background color of an element to Hex 914E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#914E73 }
```

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

```
.background{ background-color:#914E73 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor