

# Converting Colors

Hex(900E53)

Have a look what the booklet for  
Hex(900E53) contains.

<b>Hex(900E53)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(900E53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	900E53
RGB	144, 14, 83
RGB Percent	56%, 5%, 33%
CMY	0.4353, 0.9451, 0.6745
CMYK	0.00, 0.90, 0.42, 0.44
HSL	328°, 82%, 31%
HSV	328°, 90%, 56%
XYZ	13.2200, 6.8679, 8.8125
YIQ	60.7360, 55.3310, 49.0190

# Conversions

## Conversions Part 2

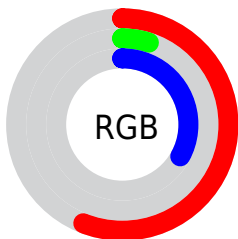
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 14, 83
Decimal	9440851
CIE <sub>Lab</sub>	31.50, 54.30, -4.61
CIE <sub>LCh</sub>	32, 54.496, 355.149
Yxy	6.8679, 0.4574, 0.2376
Android (android.graphics.Color)	4287630931 (0xFF900E53)
YUV	60.7360, 10.9762, 73.0225
Hunter-Lab	26.2067, 44.1827, -1.5927

# Details

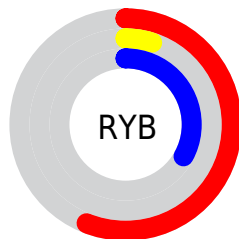
The Hex color **900E53** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **0E904B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **CA4E84**, and **580026** is the 20% darker color. If you saturate the color by 10%, you get **90004C**, and if you desaturate by 10%, it is **901C5A**.

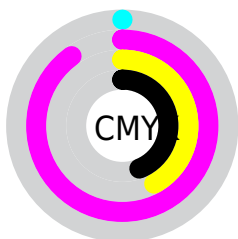
# Distribution



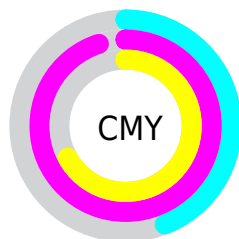
- Red (56%)
- Green (5%)
- Blue (33%)



- Red (56%)
- Yellow (5%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (42%)
- Black (44%)



- Cyan (44%)
- Magenta (95%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 900E53 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 900E53 by changing the saturation by 10% instead.



 900E53

 900E53

FFFFFF

 74003C

 CA4E84

 580026

 E86A9E

 3E0012

 FF85B9

 1F0001

 FFA1D5

 000000

 FFBDF1

 FFDAFF

 FFF7FF

 900E53

 900E53

■ 90004C

■ 901C5A

■ 902B61

■ 903967

■ 90486E

■ 905675

■ 90647C

■ 907382

■ 908189

■ 909090

# Harmonies

## Analogous

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



75297C



900E53



911829

# Triad

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



900E53



395200



005A90

# Complementary

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



900E53



0E904B

# 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.



005C6D



900E53



005913

# Square

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



900E53



614600



005C42



0052A0

# Rectangle

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



900E53



872A0C



005C42



005B86



# Sweetspot

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



900E53



BA88A3



4B0E90



5E4050



DEDEDE



5E5E5E



# Same Dimension

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



900E53



BA0063



900E12



474044



870048



080004



# Inverse Universe

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



900E53



BA0063



0E908C



474044



870048

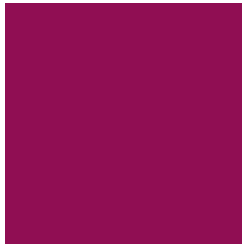


080004



# Previews

## White Background



This preview shows how the Hex color 900E53 looks on a white background.

## Color Contrast Check

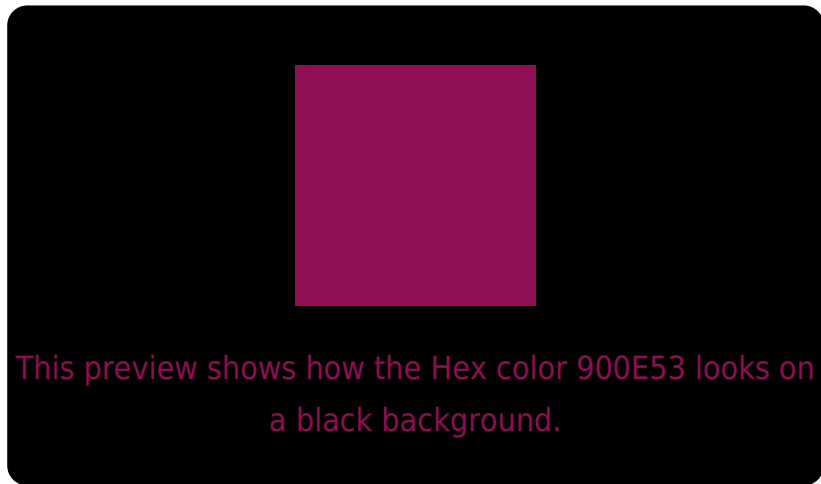
Large Text (above 18pt) WCAG AA ✓ Pass

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 900E53 Background



This preview shows how black text looks on a background with the Hex color 900E53.

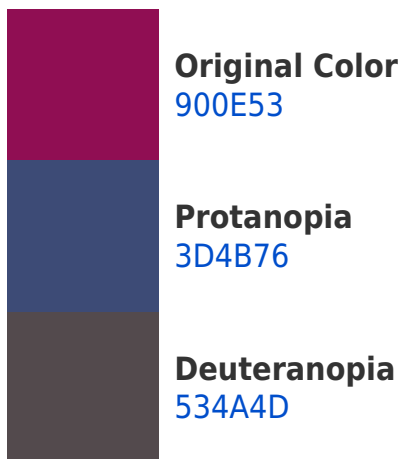



This preview shows how white text looks on a background with the Hex color 900E53.

# 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**  
8D2324

# Trichromacy



**Original Color**  
900E53

**Protanomaly**  
5B3569

**Deuteranomaly**  
69344F

**Tritanomaly**  
8E1B35

# Monochromacy



**Original Color**  
900E53

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
5B2C45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 900E53 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 #900E53 looks like.

```
.text, #text, p{  
    color:#900E53  
}
```

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 #900E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #900E53
}
```

## Border

The CSS property to change the border of an element to Hex 900E53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

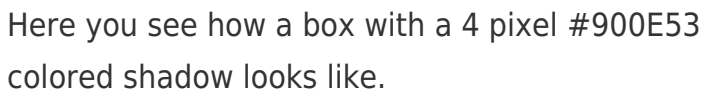
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#900E53 }
```

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

```
.border{ border-color:#900E53 }
```

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



Here you see how a box with a 4 pixel #900E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #900E53; -webkit-box-shadow:4px 4px  
4px 4px #900E53; box-shadow:4px 4px 4px  
4px #900E53 }
```

# Background

The CSS property to change the background color of an element to Hex 900E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#900E53 }
```

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

```
.background{ background-color:#900E53 }
```

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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