

# Converting Colors

Hex(940E46)

Have a look what the booklet for  
Hex(940E46) contains.

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# Color

**Hex(940E46)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	940E46
RGB	148, 14, 70
RGB Percent	58%, 5%, 27%
CMY	0.4196, 0.9451, 0.7255
CMYK	0.00, 0.91, 0.53, 0.42
HSL	335°, 83%, 32%
HSV	335°, 91%, 58%
XYZ	13.4753, 7.0522, 6.4453
YIQ	60.4500, 61.8880, 45.8240

# Conversions

## Conversions Part 2

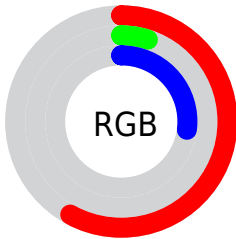
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 14, 70
Decimal	9702982
CIE Lab	31.93, 54.14, 4.68
CIE LCh	32, 54.345, 4.945
Yxy	7.0522, 0.4996, 0.2615
Android (android.graphics.Color)	4287893062 (0xFF940E46)
YUV	60.4500, 4.7081, 76.7814
Hunter-Lab	26.5559, 44.1034, 4.1990

# Details

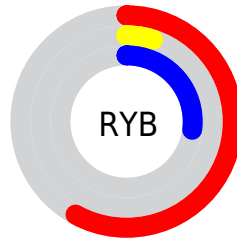
The Hex color **940E46** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0E945C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **CF4E76**, and **5B001B** is the 20% darker color. If you saturate the color by 10%, you get **94003E**, and if you desaturate by 10%, it is **941D4F**.

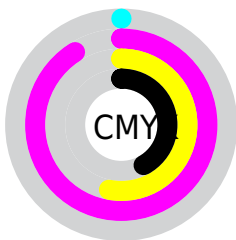
# Distribution



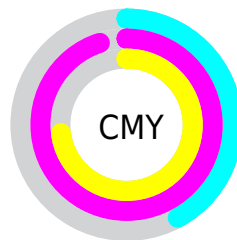
- Red (58%)
- Green (5%)
- Blue (27%)



- Red (58%)
- Yellow (5%)
- Blue (27%)



- Cyan (0%)
- Magenta (91%)
- Yellow (53%)
- Black (42%)



- Cyan (42%)
- Magenta (95%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 940E46 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 940E46 by changing the saturation by 10% instead.



 940E46

 940E46

FFFFFF

 770030

 CF4E76

 5B001B

 ED6A90

 410002

 FF85AA

 210001

 FFA1C5

 000000

 FFBEE1

 FFDAFE

 FFF8FF

 940E46

 940E46

■ 94003E

■ 941D4F

■ 942C57

■ 943A60

■ 944968

■ 945871

■ 94677A

■ 947682

■ 94848B

■ 949394

# Harmonies

## Analogous

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



822270



940E46



8E221D

# Triad

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



940E46



285600



005999

# Complementary

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



940E46



0E945C

# 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.



005D7B



940E46



005B24

# Square

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



940E46



564C00



005D51



004FA1

# Rectangle

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



940E46



813300



005D51



005B91



# Sweetspot

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



940E46



BF8CA1



5A0E94



61424F



E0E0E0



616161



# Same Dimension

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



940E46



BF0050



94170E



4A4346



8A003A



0A0004



# Inverse Universe

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



940E46



BF0050



0E8B94



4A4346



8A003A

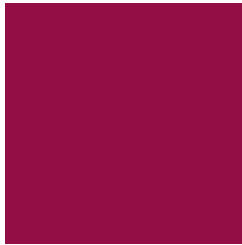


0A0004



# Previews

## White Background



This preview shows how the Hex color 940E46 looks on a white background.

## Color Contrast Check

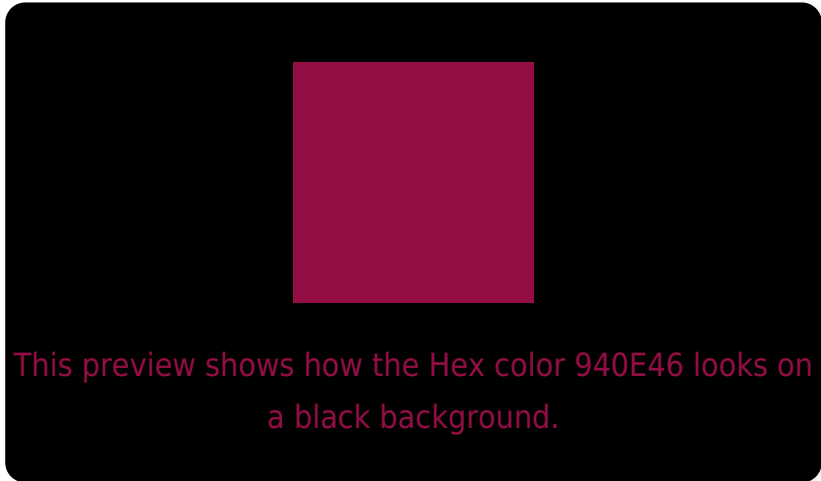
Large Text (above 18pt) WCAG AA ✓ Pass

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 940E46 Background



This preview shows how black text looks on a background with the Hex color 940E46.

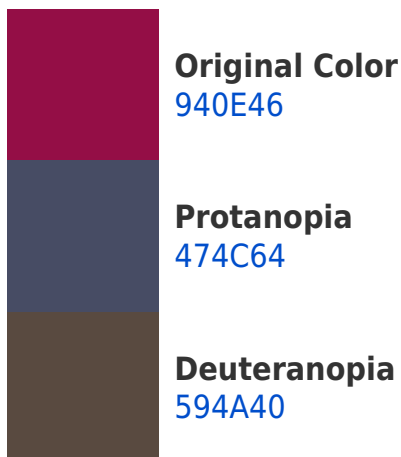


This preview shows how white text looks on a background with the Hex color 940E46.

# 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





# Trichromacy



**Original Color**  
940E46

**Protanomaly**  
633559

**Deuteranomaly**  
6E3442

**Tritanomaly**  
93182D

# Monochromacy



**Original Color**  
940E46

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
5C2B40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 940E46 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 #940E46 looks like.

```
.text, #text, p{  
    color:#940E46  
}
```

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 #940E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940E46
}
```

## Border

The CSS property to change the border of an element to Hex 940E46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

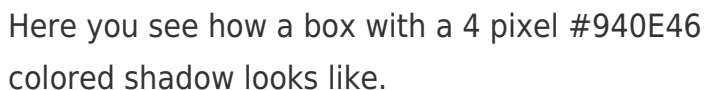
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940E46 }
```

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

```
.border{ border-color:#940E46 }
```

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



Here you see how a box with a 4 pixel #940E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940E46; -webkit-box-shadow:4px 4px  
4px 4px #940E46; box-shadow:4px 4px 4px  
4px #940E46 }
```

# Background

The CSS property to change the background color of an element to Hex 940E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940E46 }
```

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

```
.background{ background-color:#940E46 }
```

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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