

# Converting Colors

Hex(961A40)

Have a look what the booklet for  
Hex(961A40) contains.

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**Color**

**Hex(961A40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	961A40
RGB	150, 26, 64
RGB Percent	59%, 10%, 25%
CMY	0.4118, 0.8980, 0.7490
CMYK	0.00, 0.83, 0.57, 0.41
HSL	342°, 70%, 35%
HSV	342°, 83%, 59%
XYZ	13.8725, 7.5930, 5.5849
YIQ	67.4080, 61.7060, 38.1060

# Conversions

## Conversions Part 2

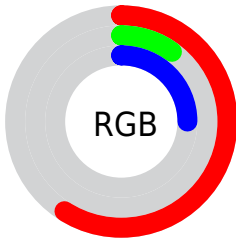
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 26, 64
Decimal	9837120
CIELab	33.12, 51.53, 10.38
CIElCh	33, 52.563, 11.390
Yxy	7.5930, 0.5128, 0.2807
Android (android.graphics.Color)	4288027200 (0xFF961A40)
YUV	67.4080, -1.6801, 72.4332
Hunter-Lab	27.5554, 41.6422, 7.2719

# Details

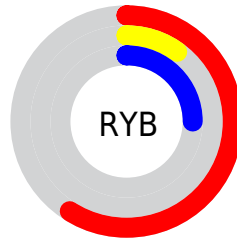
The Hex color **961A40** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1A9670**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **D1546F**, and **5C0016** is the 20% darker color. If you saturate the color by 10%, you get **960B36**, and if you desaturate by 10%, it is **96294A**.

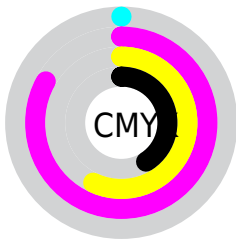
# Distribution



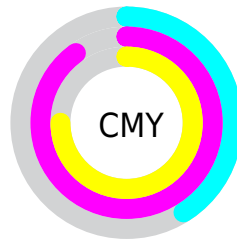
- Red (59%)
- Green (10%)
- Blue (25%)



- Red (59%)
- Yellow (10%)
- Blue (25%)



- Cyan (0%)
- Magenta (83%)
- Yellow (57%)
- Black (41%)



- Cyan (41%)
- Magenta (90%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 961A40 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 961A40 by changing the saturation by 10% instead.



 961A40

 961A40

FFFFFF

 79002A

 D1546F

 5C0016

 EF7089

 420001

 FF8BA3

 240001

 FFA7BE

 000000

 FFC3DA

 FFE0F6

 FFFDFD

 961A40

 961A40

■ 960B36

■ 96294A

■ 96002E

■ 963855

■ 96475F

■ 96566A

■ 966574

■ 96747E

■ 968389

■ 969293

■ 96A19E

# Harmonies

## Analogous

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



8A2369



961A40



8D2D18

# Triad

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



961A40



1F5A01



005A9D

# Complementary

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



961A40



1A9670

# 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.



005F84



961A40



005E32

# Square

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



961A40



515100



00605D



004EA0

# Rectangle

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



961A40



7E3C00



00605D



005C97



# Sweetspot

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



961A40



C291A0



6F1A96



61444D



E0E0E0



616161



# Same Dimension

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



961A40



C2023D



96311A



4A4345



8A002A



0A0003



# Inverse Universe

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



961A40



C2023D



1A7F96



4A4345



8A002A

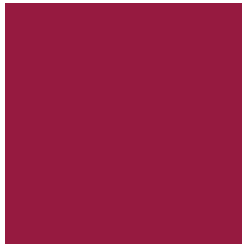


0A0003



# Previews

## White Background



This preview shows how the Hex color 961A40 looks on a white background.

## Color Contrast Check

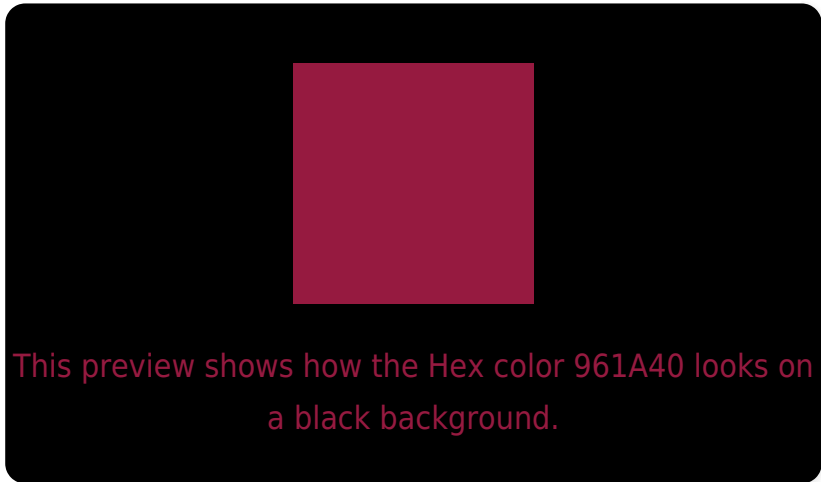
Large Text (above 18pt) WCAG AA ✓ Pass

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 961A40 Background



This preview shows how black text looks on a background with the Hex color 961A40.



This preview shows how white text looks on a background with the Hex color 961A40.

# 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



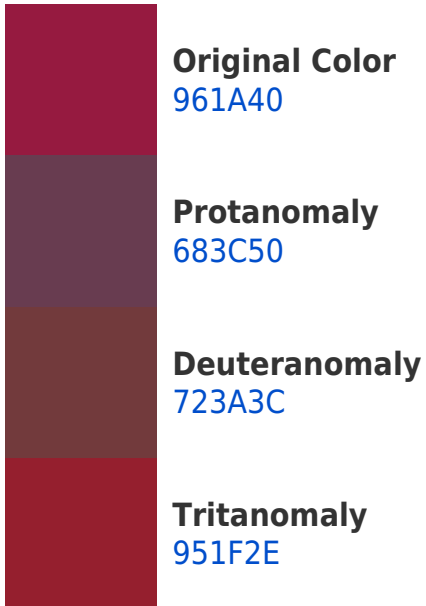
**Original Color**  
961A40

**Protanopia**  
4E4F59

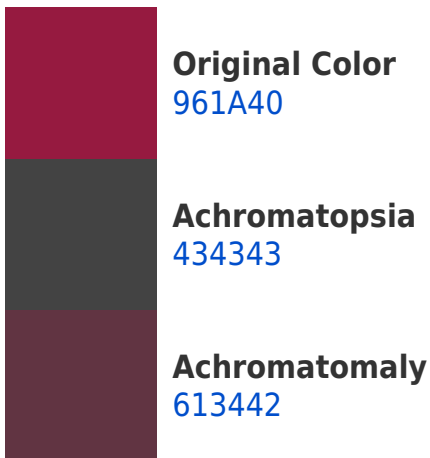
**Deuteranopia**  
5E4C3A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 961A40 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 #961A40 looks like.

```
.text, #text, p{  
    color:#961A40  
}
```

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 #961A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #961A40
}
```

## Border

The CSS property to change the border of an element to Hex 961A40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

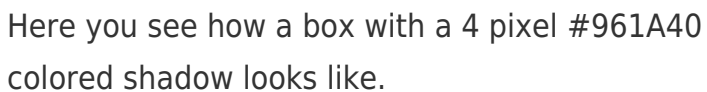
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#961A40 }
```

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

```
.border{ border-color:#961A40 }
```

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



Here you see how a box with a 4 pixel #961A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #961A40; -webkit-box-shadow:4px 4px  
4px 4px #961A40; box-shadow:4px 4px 4px  
4px #961A40 }
```

# Background

The CSS property to change the background color of an element to Hex 961A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#961A40 }
```

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

```
.background{ background-color:#961A40 }
```

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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