

# Converting Colors

Hex(961C2E)

Have a look what the booklet for  
Hex(961C2E) contains.

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# Color

Hex(961C2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	961C2E
RGB	150, 28, 46
RGB Percent	59%, 11%, 18%
CMY	0.4118, 0.8902, 0.8196
CMYK	0.00, 0.81, 0.69, 0.41
HSL	351°, 69%, 35%
HSV	351°, 81%, 59%
XYZ	13.4861, 7.5118, 3.3239
YIQ	66.5300, 66.9340, 31.4620

# Conversions

## Conversions Part 2

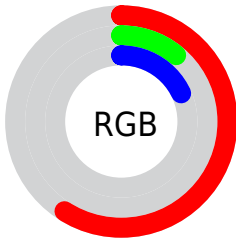
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 28, 46
Decimal	9837614
CIELab	32.94, 49.82, 21.88
CIElCh	33, 54.412, 23.712
Yxy	7.5118, 0.5545, 0.3089
Android (android.graphics.Color)	4288027694 (0xFF961C2E)
YUV	66.5300, -10.1213, 73.2032
Hunter-Lab	27.4077, 39.8684, 11.9949

# Details

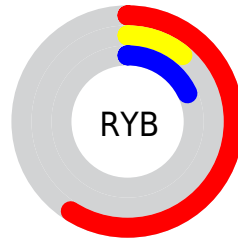
The Hex color **961C2E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1C9684**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **D2555C**, and **5C0000** is the 20% darker color. If you saturate the color by 10%, you get **960D21**, and if you desaturate by 10%, it is **962B3B**.

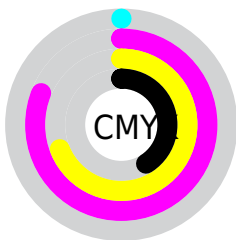
# Distribution



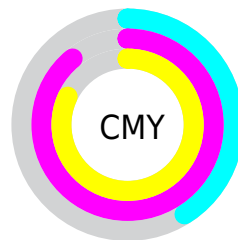
- Red (59%)
- Green (11%)
- Blue (18%)



- Red (59%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (81%)
- Yellow (69%)
- Black (41%)



- Cyan (41%)
- Magenta (89%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 961C2E 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 961C2E by changing the saturation by 10% instead.



 961C2E

 961C2E

FFFFFF

 790019

 D2555C

 5C0000

 F17074

 400001

 FF8B8E

 210001

 FFA7A8

 000000

 FFC3C3

 FFE0DF

 FFFDFC

 961C2E

 961C2E

■ 960D21

■ 962B3B

■ 960016

■ 963A48

■ 964954

■ 965861

■ 96676E

■ 96767B

■ 968588

■ 969494

■ 96A3A1

# Harmonies

## Analogous

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



931658



961C2E



853501

# Triad

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



961C2E



005C14



0056A4

# Complementary

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



961C2E



1C9684

# 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.



005E93



961C2E



005F43

# Square

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



961C2E



3E5500



00606F



32469D

# Rectangle

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



961C2E



724300



00606F



0059A1



# Sweetspot

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



961C2E



C2939A



841C96



614549



E0E0E0



616161



# Same Dimension

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



961C2E



C20420



96471C



4A4344



8A0014



0A0002



# Inverse Universe

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



961C2E



C20420



1C6B96



4A4344



8A0014



0A0002



# Previews

## White Background



This preview shows how the Hex color 961C2E looks on a white background.

## Color Contrast Check

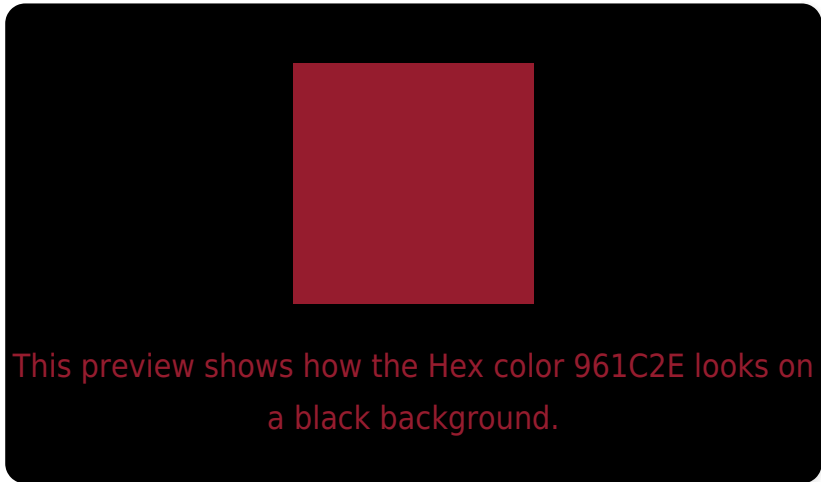
Large Text (above 18pt) WCAG AA ✓ Pass

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 961C2E Background



This preview shows how black text looks on a background with the Hex color 961C2E.

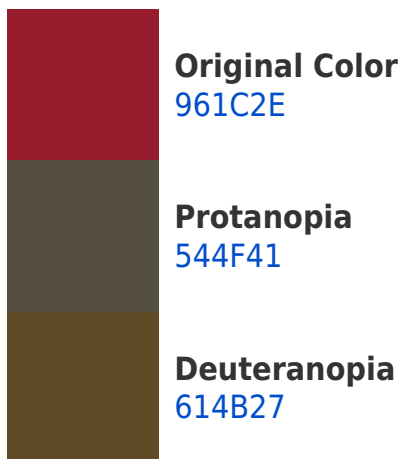


This preview shows how white text looks on a background with the Hex color 961C2E.

# 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**  
961F1F

# Trichromacy



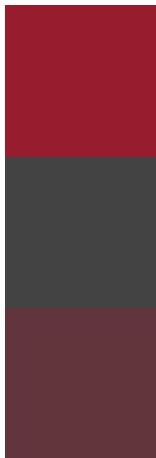
**Original Color**  
961C2E

**Protanomaly**  
6C3C3A

**Deuteranomaly**  
743A2A

**Tritanomaly**  
961E24

# Monochromacy



**Original Color**  
961C2E

**Achromatopsia**  
434343

**Achromatomaly**  
61353B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 961C2E 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 #961C2E looks like.

```
.text, #text, p{  
    color:#961C2E  
}
```

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 #961C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #961C2E
}
```

## Border

The CSS property to change the border of an element to Hex 961C2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

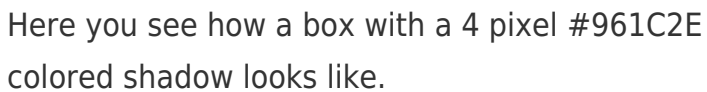
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#961C2E }
```

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

```
.border{ border-color:#961C2E }
```

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



Here you see how a box with a 4 pixel #961C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #961C2E; -webkit-box-shadow:4px 4px  
4px 4px #961C2E; box-shadow:4px 4px 4px  
4px #961C2E }
```

# Background

The CSS property to change the background color of an element to Hex 961C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#961C2E }
```

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

```
.background{ background-color:#961C2E }
```

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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