

Converting Colors

Hex(971E1A)

Have a look what the booklet for
Hex(971E1A) contains.

Hex(971E1A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(971E1A)

Conversions

Conversions Part 1

Format	Color
Hex	971E1A
RGB	151, 30, 26
RGB Percent	59%, 12%, 10%
CMY	0.4078, 0.8824, 0.8980
CMYK	0.00, 0.80, 0.83, 0.41
HSL	2°, 71%, 35%
HSV	2°, 83%, 59%
XYZ	13.4132, 7.5824, 1.7339
YIQ	65.7230, 73.4000, 24.4080

Conversions

Conversions Part 2

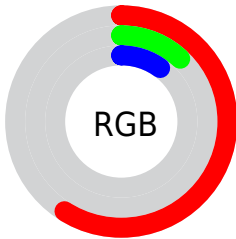
Format	Color
R_{YB}	151, 30, 26
Decimal	9903642
CIE _{Lab}	33.10, 48.69, 34.33
CIE _{LCh}	33, 59.577, 35.191
Yxy	7.5824, 0.5901, 0.3336
Android (android.graphics.Color)	4288093722 (0xFF971E1A)
YUV	65.7230, -19.5834, 74.7879
Hunter-Lab	27.5362, 38.7611, 15.5420

Details

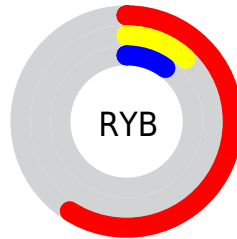
The Hex color **971E1A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1A9397**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **D45647**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **970F0B**, and if you desaturate by 10%, it is **972D29**.

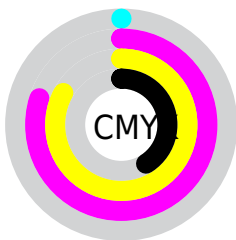
Distribution



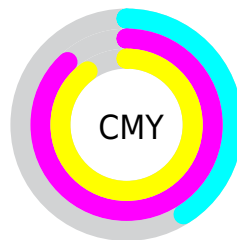
- Red (59%)
- Green (12%)
- Blue (10%)



- Red (59%)
- Yellow (12%)
- Blue (10%)



- Cyan (0%)
- Magenta (80%)
- Yellow (83%)
- Black (41%)



- Cyan (41%)
- Magenta (88%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 971E1A 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 971E1A by changing the saturation by 10% instead.

 971E1A

 971E1A

FFFFFF

 790002

 D45647

 5B0000

 F3715F

 3F0001

 FF8C77

 210001

 FFA891

 000000

 FFC4AC

 FFE1C7

 FFFEE4

 971E1A

 971E1A

■ 970F0B

■ 972D29

■ 970500

■ 973B38

■ 974A47

■ 975856

■ 976766

■ 977675

■ 978484

■ 979393

■ 97A2A2

Harmonies

Analogous

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



9E0048



971E1A



7E3C00

Triad

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



971E1A



005F23



0052AD

Complementary

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



971E1A



1A9397

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.



005DA4



971E1A



006155

Square

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



971E1A



245A00



006183



543D9C

Rectangle

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



971E1A



664900



006183



0056AD

Sweetspot

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



971E1A



C49593



971A95



634746



E3E3E3



636363

Same Dimension

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



971E1A



C40802



975B1A



4D4545



8C0400



0D0000

Inverse Universe

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



1A9397



02BEC4



1A5697



454C4D



00888C



000C0D

Previews

White Background



This preview shows how the Hex color 971E1A 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 971E1A Background



This preview shows how black text looks on a background with the Hex color 971E1A.

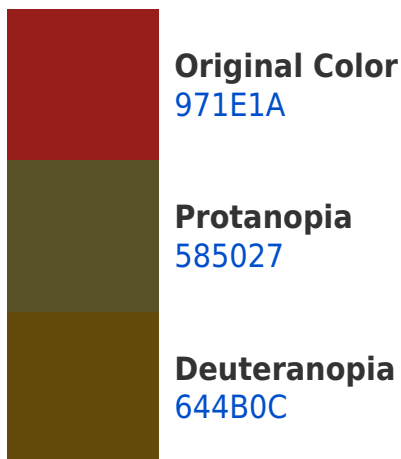


This preview shows how white text looks on a background with the Hex color 971E1A.

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



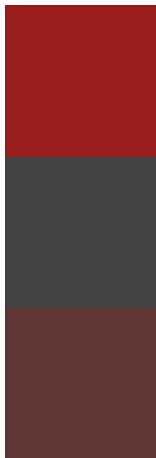
Original Color
971E1A

Protanomaly
6F3E22

Deuteranomaly
773B11

Tritanomaly
971E1C

Monochromacy



Original Color
971E1A

Achromatopsia
424242

Achromatomaly
613533

CSS Examples

Text

The CSS property to change the color of the text to Hex 971E1A 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 #971E1A looks like.

```
.text, #text, p{  
    color:#971E1A  
}
```

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 #971E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #971E1A
}
```

Border

The CSS property to change the border of an element to Hex 971E1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

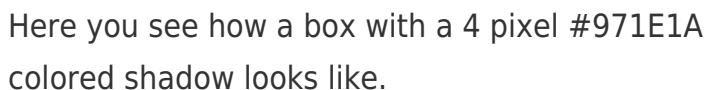
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#971E1A }
```

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

```
.border{ border-color:#971E1A }
```

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



Here you see how a box with a 4 pixel #971E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #971E1A; -webkit-box-shadow:4px 4px  
4px 4px #971E1A; box-shadow:4px 4px 4px  
4px #971E1A }
```

Background

The CSS property to change the background color of an element to Hex 971E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#971E1A }
```

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

```
.background{ background-color:#971E1A }
```

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