

# Converting Colors

Hex(980B29)

Have a look what the booklet for  
Hex(980B29) contains.

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**Color**

**Hex(980B29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	980B29
RGB	152, 11, 41
RGB Percent	60%, 4%, 16%
CMY	0.4039, 0.9569, 0.8392
CMYK	0.00, 0.93, 0.73, 0.40
HSL	347°, 87%, 32%
HSV	347°, 93%, 60%
XYZ	13.4688, 7.0748, 2.7535
YIQ	56.5790, 74.4060, 39.2220

# Conversions

## Conversions Part 2

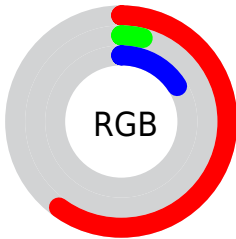
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 11, 41
Decimal	9964329
CIELab	31.98, 53.88, 24.01
CIElCh	32, 58.989, 24.022
Yxy	7.0748, 0.5781, 0.3037
Android (android.graphics.Color)	4288154409 (0xFF980B29)
YUV	56.5790, -7.6804, 83.6842
Hunter-Lab	26.5986, 43.8401, 12.4812

# Details

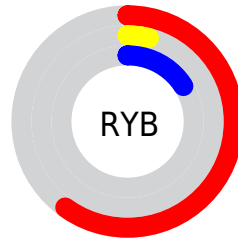
The Hex color **980B29** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0B987A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **D54D56**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **980020**, and if you desaturate by 10%, it is **981A35**.

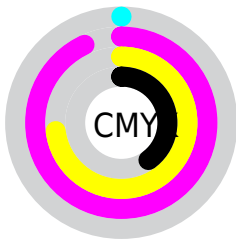
# Distribution



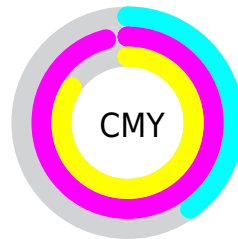
- Red (60%)
- Green (4%)
- Blue (16%)



- Red (60%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (93%)
- Yellow (73%)
- Black (40%)



- Cyan (40%)
- Magenta (96%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 980B29 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 980B29 by changing the saturation by 10% instead.



 980B29

 980B29

FFFFFF

 7A0015

 D54D56

 5D0000

 F4696E

 410002

 FF8488

 210001

 FFA0A2

 000000

 FFBCBD

 FFD9D9

 FFF7F5

 980B29

 980B29

■ 980020

■ 981A35

■ 982941

■ 98394D

■ 984859

■ 985765

■ 986671

■ 98757D

■ 988589

■ 989495

# Harmonies

## Analogous

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



960057



980B29



853000

# Triad

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



980B29



005B0B



0054A9

# Complementary

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



980B29



0B987A

# 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.



005C96



980B29



005E40

# Square

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



980B29



395400



005F70



2843A1

# Rectangle

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



980B29



714000



005F70



0058A5



# Sweetspot

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



980B29



C48D99



790B98



634249



E3E3E3



636363



# Same Dimension

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



980B29



C4002A



98330B



4D4546



8C001E



0D0003



# Inverse Universe

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



980B29



C4002A



0B7098



4D4546



8C001E

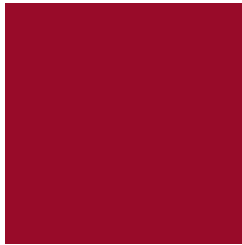


0D0003



# Previews

## White Background



This preview shows how the Hex color 980B29 looks on a white background.

## Color Contrast Check

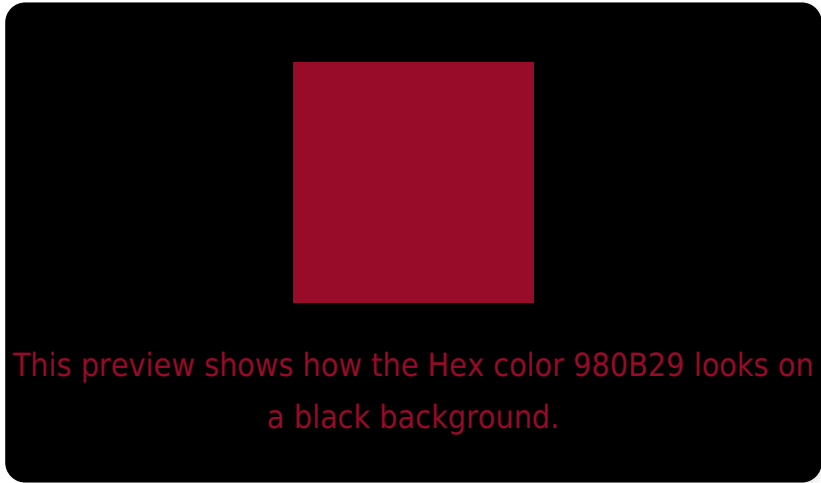
Large Text (above 18pt) WCAG AA ✓ Pass

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 980B29 Background



This preview shows how black text looks on a background with the Hex color 980B29.

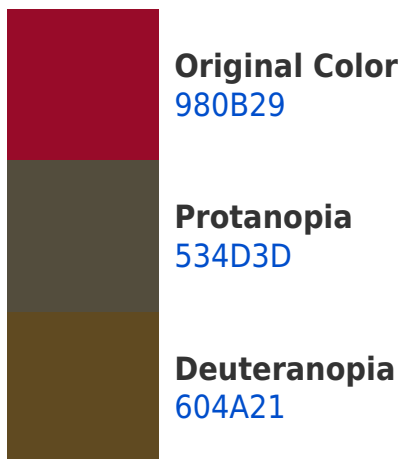


This preview shows how white text looks on a background with the Hex color 980B29.

# 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**  
971310

# Trichromacy



**Original Color**  
980B29

**Protanomaly**  
6C3536

**Deuteranomaly**  
743324

**Tritanomaly**  
971019

# Monochromacy



**Original Color**  
980B29

**Achromatopsia**  
393939

**Achromatomaly**  
5C2833

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 980B29 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 #980B29 looks like.

```
.text, #text, p{  
    color:#980B29  
}
```

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 #980B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #980B29
}
```

## Border

The CSS property to change the border of an element to Hex 980B29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

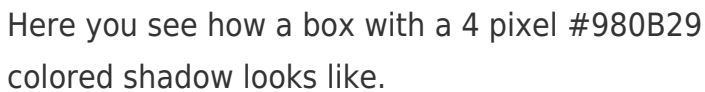
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#980B29 }
```

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

```
.border{ border-color:#980B29 }
```

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



Here you see how a box with a 4 pixel #980B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #980B29; -webkit-box-shadow:4px 4px  
4px 4px #980B29; box-shadow:4px 4px 4px  
4px #980B29 }
```

# Background

The CSS property to change the background color of an element to Hex 980B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#980B29 }
```

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

```
.background{ background-color:#980B29 }
```

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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