

# Converting Colors

Hex(981E45)

Have a look what the booklet for  
Hex(981E45) contains.

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**Color**

**Hex(981E45)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	981E45
RGB	152, 30, 69
RGB Percent	60%, 12%, 27%
CMY	0.4039, 0.8824, 0.7294
CMYK	0.00, 0.80, 0.55, 0.40
HSL	341°, 67%, 36%
HSV	341°, 80%, 60%
XYZ	14.4873, 8.0336, 6.4173
YIQ	70.9240, 60.1930, 37.9930

# Conversions

## Conversions Part 2

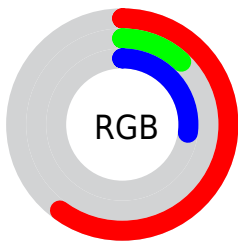
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 30, 69
Decimal	9969221
CIE <sub>Lab</sub>	34.05, 51.34, 8.47
CIE <sub>LCh</sub>	34, 52.036, 9.363
Yxy	8.0336, 0.5006, 0.2776
Android (android.graphics.Color)	4288159301 (0xFF981E45)
YUV	70.9240, -0.9485, 71.1037
Hunter-Lab	28.3436, 41.6357, 6.4167

# Details

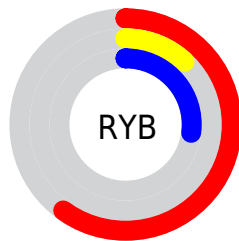
The Hex color **981E45** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1E9871**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D35775**, and **5F001B** is the 20% darker color. If you saturate the color by 10%, you get **980F3B**, and if you desaturate by 10%, it is **982D4F**.

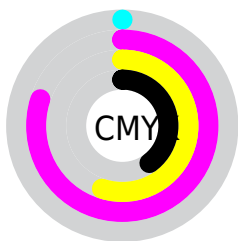
# Distribution



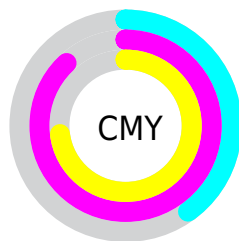
- Red (60%)
- Green (12%)
- Blue (27%)



- Red (60%)
- Yellow (12%)
- Blue (27%)



- Cyan (0%)
- Magenta (80%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (88%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 981E45 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 981E45 by changing the saturation by 10% instead.



 981E45

 981E45

FFFFFF

 7B002F

 D35775

 5F001B

 F1738E

 440001

 FF8EA9

 270001

 FFAAC4

 000000

 FFC6E0

 FFE3FC

 981E45

 981E45

 980F3B

 982D4F

980031

983C5A

984C64

985B6E

986A79

987983

98888D

989898

98A7A2

# Harmonies

## Analogous

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



8A286E



981E45



902F1D

# Triad

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



981E45



275C01



005C9E

# Complementary

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



981E45



1E9871

# 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.



006184



981E45



006031

# Square

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



981E45



565200



00625C



0051A2

# Rectangle

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



981E45



823D00



00625C



005F97



# Sweetspot

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



981E45



C495A4



6F1E98



634750



E3E3E3



636363



# Same Dimension

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



981E45



C40844



98321E



4D4547



8C002D



0D0004



# Inverse Universe

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



981E45



C40844



1E8498



4D4547



8C002D

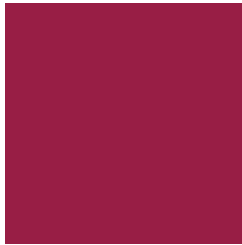


0D0004



# Previews

## White Background



This preview shows how the Hex color 981E45 looks on a white background.

## Color Contrast Check

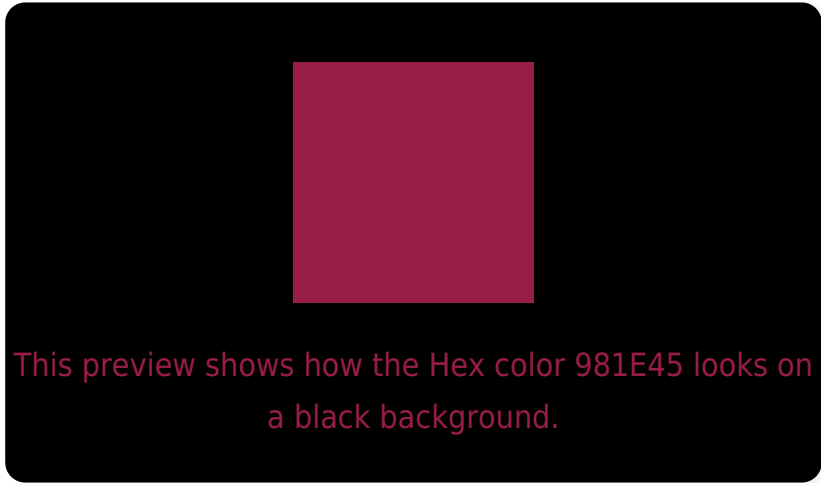
Large Text (above 18pt) WCAG AA ✓ Pass

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 981E45 Background



This preview shows how black text looks on a background with the Hex color 981E45.

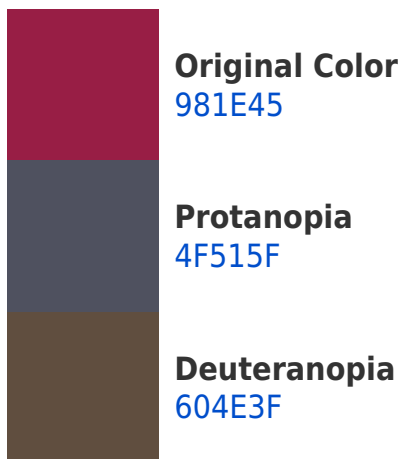


This preview shows how white text looks on a background with the Hex color 981E45.

# 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**  
981E45

**Protanomaly**  
6A3E56

**Deuteranomaly**  
743D41

**Tritanomaly**  
972332

# Monochromacy



**Original Color**  
981E45

**Achromatopsia**  
474747

**Achromatomaly**  
643846

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 981E45 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 #981E45 looks like.

```
.text, #text, p{  
    color:#981E45  
}
```

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 #981E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #981E45 }  
}
```

## Border

The CSS property to change the border of an element to Hex 981E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

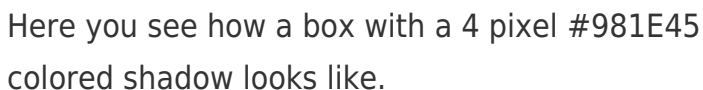
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #981E45 }  
}
```

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

```
.border{ border-color:#981E45 }
```

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



Here you see how a box with a 4 pixel #981E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #981E45; -webkit-box-shadow:4px 4px  
4px 4px #981E45; box-shadow:4px 4px 4px  
4px #981E45 }
```

# Background

The CSS property to change the background color of an element to Hex 981E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#981E45 }
```

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

```
.background{ background-color:#981E45 }
```

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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