

# Converting Colors

Hex(991850)

Have a look what the booklet for  
Hex(991850) contains.

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# Color

**Hex(991850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	991850
RGB	153, 24, 80
RGB Percent	60%, 9%, 31%
CMY	0.4000, 0.9059, 0.6863
CMYK	0.00, 0.84, 0.48, 0.40
HSL	334°, 73%, 35%
HSV	334°, 84%, 60%
XYZ	14.9115, 8.0048, 8.3486
YIQ	68.9550, 58.9080, 44.7640

# Conversions

## Conversions Part 2

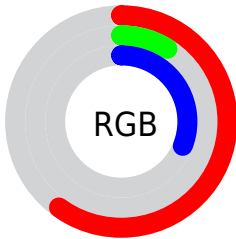
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 24, 80
Decimal	10033232
CIE <sub>Lab</sub>	33.99, 54.18, 1.23
CIE <sub>LCh</sub>	34, 54.197, 1.298
Yxy	8.0048, 0.4769, 0.2560
Android (android.graphics.Color)	4288223312 (0xFF991850)
YUV	68.9550, 5.4452, 73.7075
Hunter-Lab	28.2927, 44.5650, 2.3097

# Details

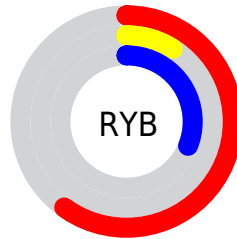
The Hex color **991850** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **189961**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **D45481**, and **600024** is the 20% darker color. If you saturate the color by 10%, you get **990947**, and if you desaturate by 10%, it is **992759**.

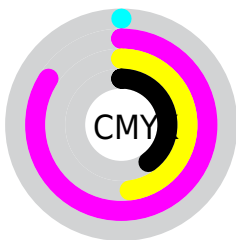
# Distribution



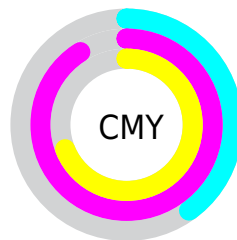
- Red (60%)
- Green (9%)
- Blue (31%)



- Red (60%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (84%)
- Yellow (48%)
- Black (40%)



- Cyan (40%)
- Magenta (91%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 991850 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 991850 by changing the saturation by 10% instead.



 991850

 991850

FFFFFF

 7C0039

 D45481

 600024

 F2709B

 45000E

 FF8BB6

 290001

 FFA7D1

 000000

 FFC4ED

 FFE1FF

 FFFEFF

 991850

 991850

990947

992759

990042

993761

99466A

995573

99657B

997484

99838D

999295

99A29E

# Harmonies

## Analogous

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



842B7A



991850



962626

# Triad

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



991850



345A00



005F9C

# Complementary

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



991850



189961

# 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.



00627C



991850



006023

# Square

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



991850



604F00



006251



0055A7

# Rectangle

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



991850



8A3608



006251



006093



# Sweetspot

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



991850



C795AB



5F1899



634653



E3E3E3



636363



# Same Dimension

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



991850



C70056



991E18



4D4548



8C003D



0D0006



# Inverse Universe

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



991850



C70056



189399



4D4548



8C003D



0D0006



# Previews

## White Background



This preview shows how the Hex color 991850 looks on a white background.

## Color Contrast Check

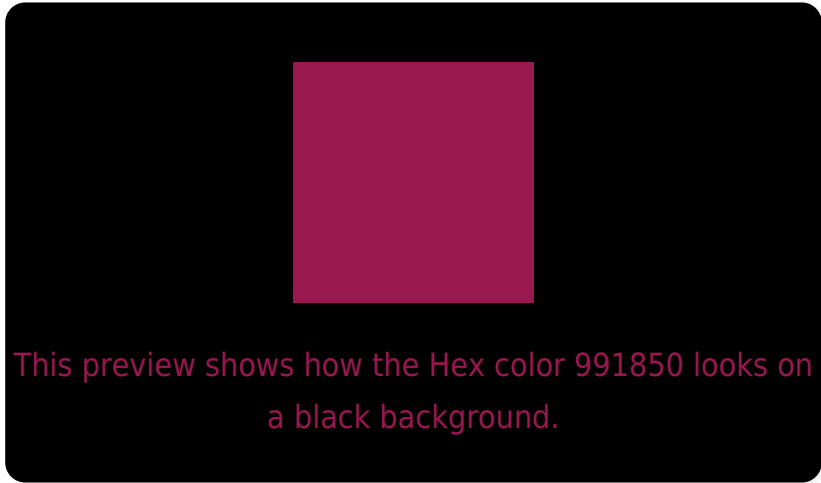
Large Text (above 18pt) WCAG AA ✓ Pass

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 991850 Background



This preview shows how black text looks on a background with the Hex color 991850.



This preview shows how white text looks on a background with the Hex color 991850.

# 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**  
991850

**Protanomaly**  
663C64

**Deuteranomaly**  
723B4C

**Tritanomaly**  
982136

# Monochromacy



**Original Color**  
991850

**Achromatopsia**  
454545

**Achromatomaly**  
643549

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 991850 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 #991850 looks like.

```
.text, #text, p{  
    color:#991850  
}
```

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 #991850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #991850
}
```

## Border

The CSS property to change the border of an element to Hex 991850 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".

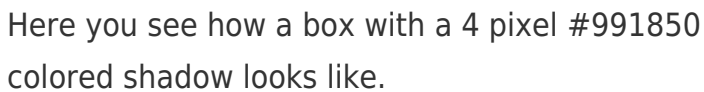
```
.border, #border, table{ border:4px solid
#991850 }
```

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

```
.border{ border-color:#991850 }
```

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

Here you see how a box with a 4 pixel #991850 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #991850; -webkit-box-shadow:4px 4px  
4px 4px #991850; box-shadow:4px 4px 4px  
4px #991850 }
```

# Background

The CSS property to change the background color of an element to Hex 991850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#991850 }
```

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

```
.background{ background-color:#991850 }
```

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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