

Converting Colors

Hex(993650)

Have a look what the booklet for
Hex(993650) contains.

Hex(993650)	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(993650)

Conversions

Conversions Part 1

Format	Color
Hex	993650
RGB	153, 54, 80
RGB Percent	60%, 21%, 31%
CMY	0.4000, 0.7882, 0.6863
CMYK	0.00, 0.65, 0.48, 0.40
HSL	344°, 48%, 41%
HSV	344°, 65%, 60%
XYZ	15.9040, 9.9898, 8.6794
YIQ	86.5650, 50.6580, 29.0740

Conversions

Conversions Part 2

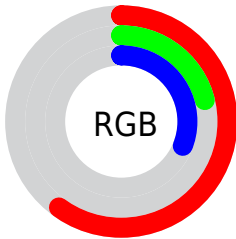
Format	Color
RYB	153, 54, 80
Decimal	10040912
CIELab	37.82, 43.52, 6.73
CIELCh	38, 44.040, 8.785
Yxy	9.9898, 0.4600, 0.2889
Android (android.graphics.Color)	4288230992 (0xFF993650)
YUV	86.5650, -3.2365, 58.2635
Hunter-Lab	31.6067, 34.5068, 5.8432

Details

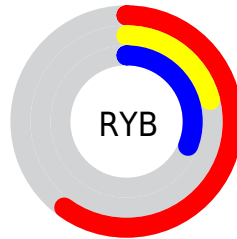
The Hex color **993650** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36997F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **D36A81**, and **610024** is the 20% darker color. If you saturate the color by 10%, you get **992745**, and if you desaturate by 10%, it is **99455B**.

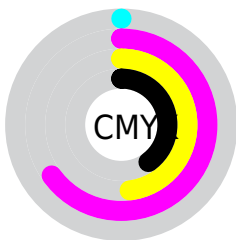
Distribution



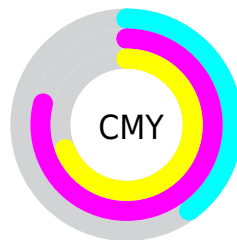
- Red (60%)
- Green (21%)
- Blue (31%)



- Red (60%)
- Yellow (21%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (48%)
- Black (40%)



- Cyan (40%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 993650 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 993650 by changing the saturation by 10% instead.

 993650

 993650

FFFFFF

 7D1A39

 D36A81

 610024

 F1859B

 46000E

 FFA0B6

 2E0002

 FFBCD1

 000000

 FFD8EE

 FFF5FF

 993650

 993650

 992745

 99455B

991739

995567

99082E

996472

990028

99737D

998388

999294

99A19F

99B0AA

99C0B6

Harmonies

Analogous

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



8C3C74



993650



933F2E

Triad

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



993650



3B631D



00649B

Complementary

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



993650



36997F

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.



006985



993650



00683E

Square

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



993650



615B06



006A63



195AA0

Rectangle

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



993650



87491B



006A63



006696

Sweetspot

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



993650



C7A1AB



7F3699



634D53



E3E3E3



636363

Same Dimension

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



993650



C72C55



994D36



4D4547



8C0025



0D0003

Inverse Universe

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



993650



C72C55



368299



4D4547



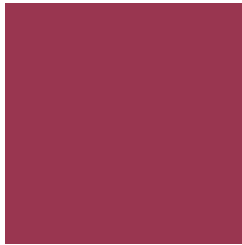
8C0025



0D0003

Previews

White Background



This preview shows how the Hex color 993650 looks on a white background.

Color Contrast Check

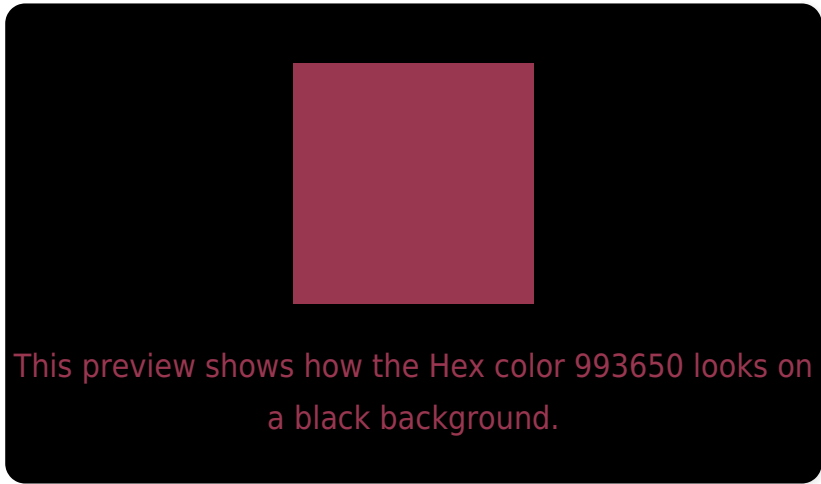
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

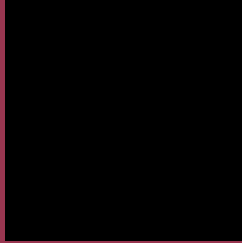
Any Text WCAG AA × Fail

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 993650 Background



This preview shows how black text looks on a background with the Hex color 993650.

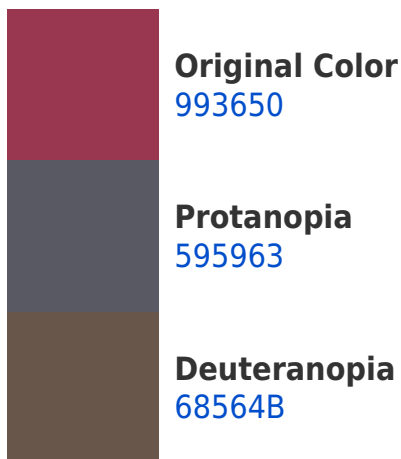


This preview shows how white text looks on a background with the Hex color 993650.

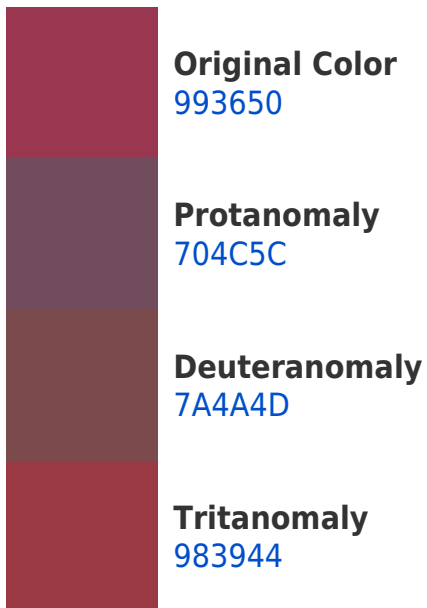
Color Blindness Simulation

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](#).

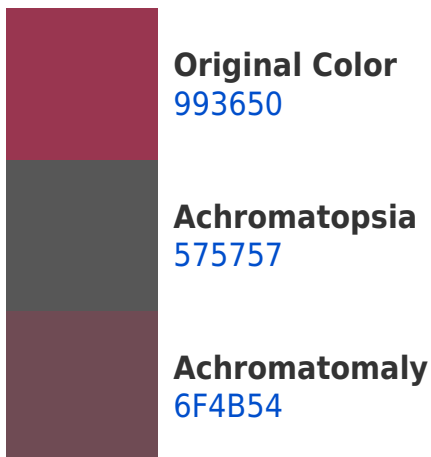
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 993650 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 #993650 looks like.

```
.text, #text, p{  
    color:#993650  
}
```

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 #993650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993650
}
```

Border

The CSS property to change the border of an element to Hex 993650 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
#993650 }
```

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

```
.border{ border-color:#993650 }
```

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

Here you see how a box with a 4 pixel #993650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993650; -webkit-box-shadow:4px 4px  
4px 4px #993650; box-shadow:4px 4px 4px  
4px #993650 }
```

Background

The CSS property to change the background color of an element to Hex 993650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993650 }
```

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

```
.background{ background-color:#993650 }
```

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