

Converting Colors

Hex(994700)

Have a look what the booklet for
Hex(994700) contains.

Hex(994700)	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(994700)

Conversions

Conversions Part 1

Format	Color
Hex	994700
RGB	153, 71, 0
RGB Percent	60%, 28%, 0%
CMY	0.4000, 0.7216, 1.0000
CMYK	0.00, 0.54, 1.00, 0.40
HSL	28°, 100%, 30%
HSV	28°, 100%, 60%
XYZ	15.3901, 11.2788, 1.3659
YIQ	87.4240, 71.6630, -4.6970

Conversions

Conversions Part 2

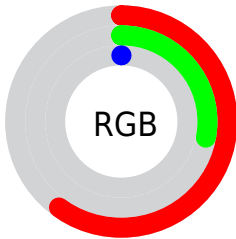
Format	Color
RYB	153, 132, 0
Decimal	10045184
CIELab	40.05, 30.95, 50.16
CIELCh	40, 58.938, 58.328
Yxy	11.2788, 0.5490, 0.4023
Android (android.graphics.Color)	4288235264 (0xFF994700)
YUV	87.4240, -43.1000, 57.5102
Hunter-Lab	33.5839, 23.0273, 21.0974

Details

The Hex color **994700** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005299**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D57937**, and **5F1700** is the 20% darker color. If you saturate the color by 10%, you get **994700**, and if you desaturate by 10%, it is **994F0F**.

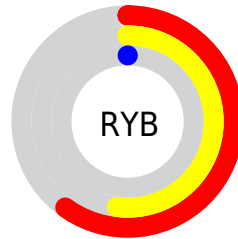
Distribution



Red (60%)

Green (28%)

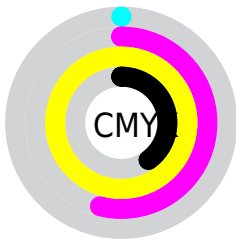
Blue (0%)



Red (60%)

Yellow (52%)

Blue (0%)

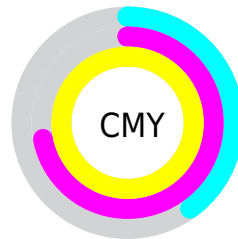


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 994700 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 994700 by changing the saturation by 10% instead.

 994700

 994700

 FFFFF3

 7C2F00

 D57937

 5F1700

 F49350

 420000

 FFAE6A

 2B0001

 FFCA84

 000000

 FFE69E

 FFFFBA

 FFFF66

 994700

 994F0F

 99571F

 99602E

 99683D

 99704D

 99785C

 99806B

 99897A

 99918A

Harmonies

Analogous

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



AF2E34



994700



755B00

Triad

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



994700



00735A



5353B4

Complementary

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



994700



005299

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.



0065C0



994700



00738B

Square

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



994700



007027



0070B0



943992

Rectangle

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



994700



576500



0070B0



265ABB

Sweetspot

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



994700



C7A78B



990054



635040



E3E3E3



636363

Same Dimension

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



994700



C75C00



999100



4D4845



8C4100



0D0600

Inverse Universe

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



005299



006BC7



000899



45494D



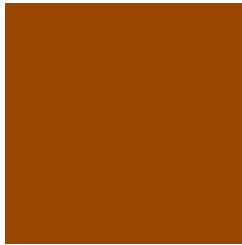
004B8C



00070D

Previews

White Background



This preview shows how the Hex color 994700 looks on a white background.

Color Contrast Check

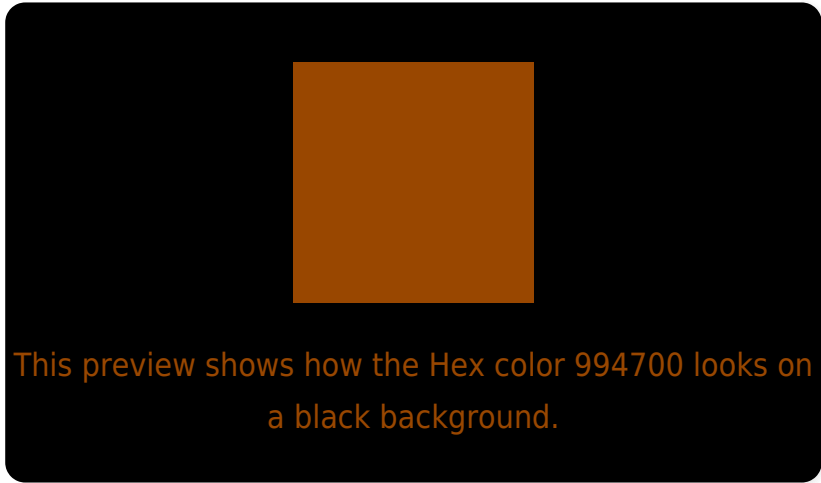
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

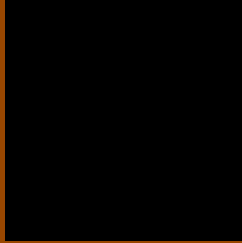
Any Text WCAG AA × Fail

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 994700 Background



This preview shows how black text looks on a background with the Hex color 994700.



This preview shows how white text looks on a background with the Hex color 994700.

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



Original Color
994700

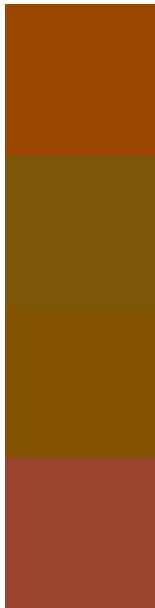
Protanopia
6B5F0E

Deuteranopia
785A00



Tritanopia
9B4246

Trichromacy



Original Color
994700

Protanomaly
7C5609

Deuteranomaly
845300

Tritanomaly
9A442D

Monochromacy



Original Color
994700

Achromatopsia
575757

Achromatomaly
6F5137

CSS Examples

Text

The CSS property to change the color of the text to Hex 994700 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 #994700 looks like.

```
.text, #text, p{  
    color:#994700  
}
```

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 #994700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #994700
}
```

Border

The CSS property to change the border of an element to Hex 994700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

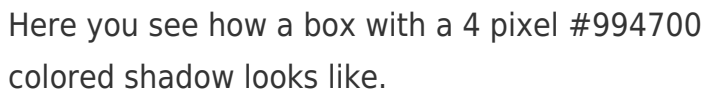
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#994700 }
```

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

```
.border{ border-color:#994700 }
```

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



Here you see how a box with a 4 pixel #994700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #994700; -webkit-box-shadow:4px 4px  
4px 4px #994700; box-shadow:4px 4px 4px  
4px #994700 }
```

Background

The CSS property to change the background color of an element to Hex 994700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#994700 }
```

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

```
.background{ background-color:#994700 }
```

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