

# Converting Colors

Hex(992900)

Have a look what the booklet for  
Hex(992900) contains.

|  |    |
|--|----|
| <b>Hex(992900)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(992900)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 992900                    |
| RGB           | 153, 41, 0                |
| RGB Percent   | 60%, 16%, 0%              |
| CMY           | 0.4000, 0.8392, 1.0000    |
| CMYK          | 0.00, 0.73, 1.00, 0.40    |
| HSL           | 16°, 100%, 30%            |
| HSV           | 16°, 100%, 60%            |
| XYZ           | 13.9298, 8.3582, 0.8791   |
| YIQ           | 69.8140, 79.9130, 10.9930 |

# Conversions

## Conversions Part 2

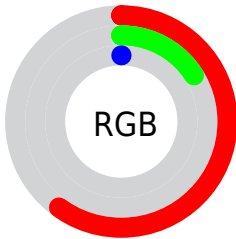
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 153, 56, 0                    |
| Decimal                             | 10037504                      |
| CIE Lab                             | 34.72, 45.00, 47.28           |
| CIE LCh                             | 35, 65.278, 46.415            |
| Yxy                                 | 8.3582, 0.6013,<br>0.3608     |
| Android<br>(android.graphics.Color) | 4288227584<br>(0xFF992900)    |
| YUV                                 | 69.8140, -34.4183,<br>72.9541 |
| Hunter-Lab                          | 28.9105, 35.4123,<br>18.4345  |

# Details

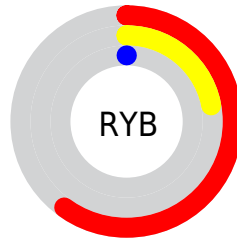
The Hex color **992900** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **007099**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D75E32**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **992900**, and if you desaturate by 10%, it is **99340F**.

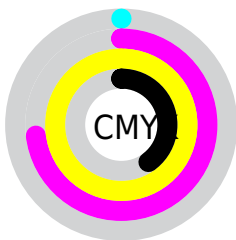
# Distribution



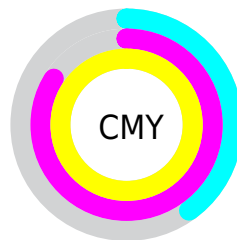
- Red (60%)
- Green (16%)
- Blue (0%)



- Red (60%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (100%)
- Black (40%)



- Cyan (40%)
- Magenta (84%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 992900 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 992900 by changing the saturation by 10% instead.



 992900

 992900

 FFFFEA

 7B0700

 D75E32

 5D0000

 F6784A

 400000

 FF9363

 240001

 FFAF7D

 000000

 FFCB97

 FFE8B2

 FFFFCE

 992900

 99340F

 993F1F

 994B2E

 99563D

 99614D

 996C5C

 99776B

 99837A

 998E8A

# Harmonies

## Analogous

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



A90038



992900



784700

# Triad

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



992900



006537



004FB7

# Complementary

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



992900



007099

# 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.



005FB8



992900



00676E

# Square

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



992900



006100



00669D



75329A

# Rectangle

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



992900



5B5300



00669D



0055BB



# Sweetspot

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



992900



C79B8B



990070



634940



E3E3E3



636363



# Same Dimension

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



992900



C73500



997500



4D4745



8C2600



0D0300



# Inverse Universe

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



007099



0092C7



002499



454A4D



00678C

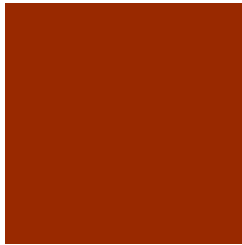


00090D



# Previews

## White Background



This preview shows how the Hex color 992900 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 992900 Background



This preview shows how black text looks on a background with the Hex color 992900.



This preview shows how white text looks on a background with the Hex color 992900.

# 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**  
992900

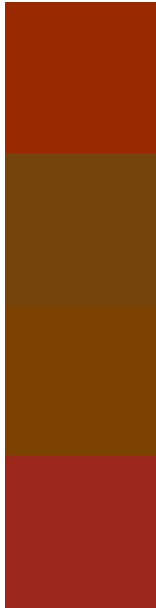
**Protanopia**  
5D5311

**Deuteranopia**  
694F00



**Tritanopia**  
9A2627

# Trichromacy



**Original Color**  
992900

**Protanomaly**  
73440B

**Deuteranomaly**  
7A4100

**Tritanomaly**  
9A2719

# Monochromacy



**Original Color**  
992900

**Achromatopsia**  
464646

**Achromatomaly**  
643B2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 992900 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 #992900 looks like.

```
.text, #text, p{  
    color:#992900  
}
```

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 #992900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #992900
}
```

## Border

The CSS property to change the border of an element to Hex 992900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

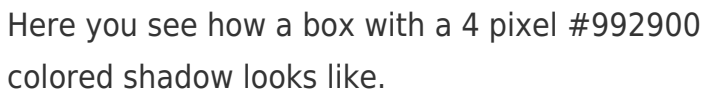
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#992900 }
```

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

```
.border{ border-color:#992900 }
```

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



Here you see how a box with a 4 pixel #992900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #992900; -webkit-box-shadow:4px 4px  
4px 4px #992900; box-shadow:4px 4px 4px  
4px #992900 }
```

# Background

The CSS property to change the background color of an element to Hex 992900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#992900 }
```

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

```
.background{ background-color:#992900 }
```

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