

# Converting Colors

Hex(992500)

Have a look what the booklet for  
Hex(992500) contains.

<b>Hex(992500)</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(992500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	992500
RGB	153, 37, 0
RGB Percent	60%, 15%, 0%
CMY	0.4000, 0.8549, 1.0000
CMYK	0.00, 0.76, 1.00, 0.40
HSL	15°, 100%, 30%
HSV	15°, 100%, 60%
XYZ	13.7984, 8.0954, 0.8353
YIQ	67.4660, 81.0130, 13.0850

# Conversions

## Conversions Part 2

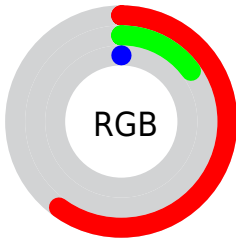
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 49, 0
Decimal	10036480
CIE <sub>Lab</sub>	34.18, 46.49, 46.98
CIE <sub>LCh</sub>	34, 66.096, 45.304
Yxy	8.0954, 0.6071, 0.3562
Android (android.graphics.Color)	4288226560 (0xFF992500)
YUV	67.4660, -33.2607, 75.0133
Hunter-Lab	28.4525, 36.7743, 18.1761

# Details

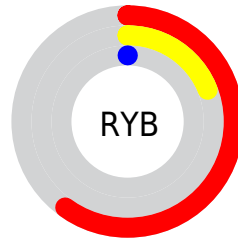
The Hex color **992500** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **007499**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **D75B31**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **992500**, and if you desaturate by 10%, it is **99310F**.

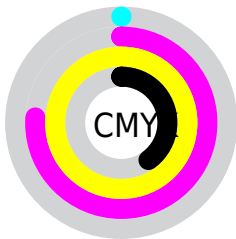
# Distribution



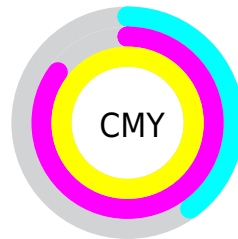
- Red (60%)
- Green (15%)
- Blue (0%)



- Red (60%)
- Yellow (19%)
- Blue (0%)



- Cyan (0%)
- Magenta (76%)
- Yellow (100%)
- Black (40%)



- Cyan (40%)
- Magenta (85%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 992500 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 992500 by changing the saturation by 10% instead.



 992500

 992500

 FFFFE9

 7B0000

 D75B31

 5D0000

 F77649

 400000

 FF9162

 230001

 FFAC7C

 000000

 FFC896

 FFE5B1

 FFFFCD

 992500

 99310F

 993C1F

 99482E

 99533D

 995F4D

 996B5C

 99766B

 99827A

 998D8A

# Harmonies

## Analogous

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



A90038



992500



784400

# Triad

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



992500



006434



004EB8

# Complementary

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



992500



007499

# 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.



005EB8



992500



00666B

# Square

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



992500



006000



00659B



71319B

# Rectangle

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



992500



5B5200



00659B



0055BB



# Sweetspot

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



992500



C79A8B



990075



634840



E3E3E3



636363



# Same Dimension

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



992500



C73000



997000



4D4745



8C2200



0D0300



# Inverse Universe

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



007499



0097C7



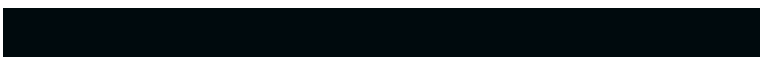
002999



454B4D



006A8C

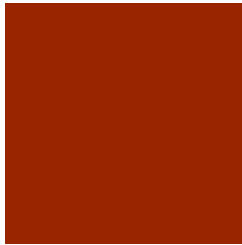


000A0D



# Previews

## White Background



This preview shows how the Hex color 992500 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 992500 Background



This preview shows how black text looks on a background with the Hex color 992500.



This preview shows how white text looks on a background with the Hex color 992500.

# 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



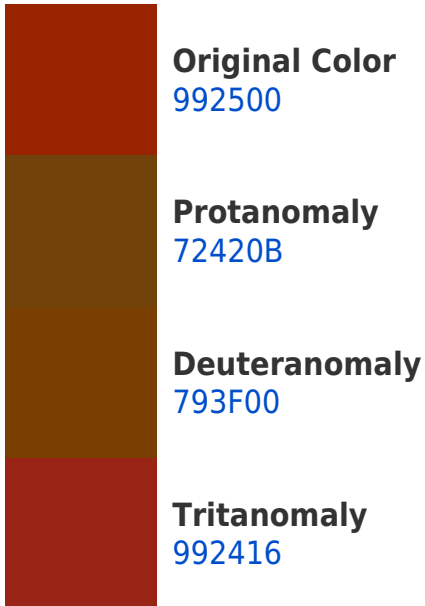
**Original Color**  
992500

**Protanopia**  
5C5212

**Deuteranopia**  
674E00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 992500 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 #992500 looks like.

```
.text, #text, p{  
    color:#992500  
}
```

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 #992500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #992500
}
```

## Border

The CSS property to change the border of an element to Hex 992500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

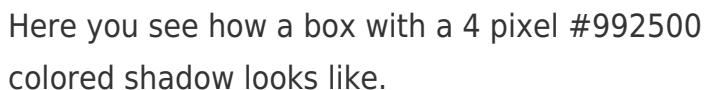
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#992500 }
```

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

```
.border{ border-color:#992500 }
```

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



Here you see how a box with a 4 pixel #992500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #992500; -webkit-box-shadow:4px 4px  
4px 4px #992500; box-shadow:4px 4px 4px  
4px #992500 }
```

# Background

The CSS property to change the background color of an element to Hex 992500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#992500 }
```

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

```
.background{ background-color:#992500 }
```

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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