

Converting Colors

Hex(992B00)

Have a look what the booklet for
Hex(992B00) contains.

Hex(992B00)	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(992B00)

Conversions

Conversions Part 1

Format	Color
Hex	992B00
RGB	153, 43, 0
RGB Percent	60%, 17%, 0%
CMY	0.4000, 0.8314, 1.0000
CMYK	0.00, 0.72, 1.00, 0.40
HSL	17°, 100%, 30%
HSV	17°, 100%, 60%
XYZ	14.0007, 8.5001, 0.9028
YIQ	70.9880, 79.3630, 9.9470

Conversions

Conversions Part 2

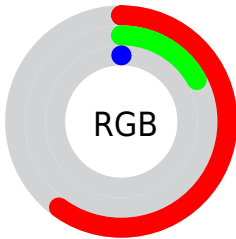
Format	Color
R_{YB}	153, 60, 0
Decimal	10038016
CIE _{Lab}	35.00, 44.22, 47.44
CIE _{LCh}	35, 64.853, 47.010
Yxy	8.5001, 0.5982, 0.3632
Android (android.graphics.Color)	4288228096 (0xFF992B00)
YUV	70.9880, -34.9971, 71.9245
Hunter-Lab	29.1549, 34.6983, 18.5725

Details

The Hex color **992B00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006E99**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D76032**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **992B00**, and if you desaturate by 10%, it is **99360F**.

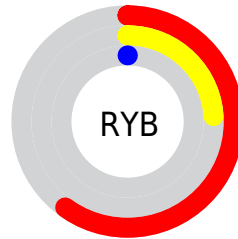
Distribution



Red (60%)

Green (17%)

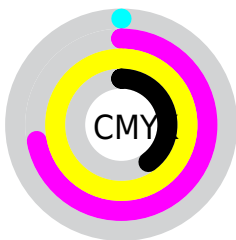
Blue (0%)



Red (60%)

Yellow (24%)

Blue (0%)

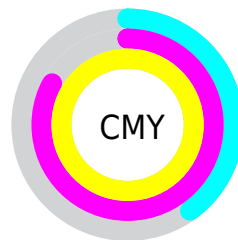


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 992B00 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 992B00 by changing the saturation by 10% instead.

 992B00

 992B00

 FFFFEB

 7B0B00

 D76032

 5D0000

 F67A4A

 400000

 FF9563

 240001

 FFB17D

 000000

 FFCD97

 FFE9B2

 FFFFCE

 992B00

 99360F

 99411F

 994C2E

 99573D

 99624D

 996D5C

 99786B

 99837A

 998E8A

Harmonies

Analogous

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



A90038



992B00



784800

Triad

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



992B00



006639



004FB7

Complementary

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



992B00



006E99

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.



005FB9



992B00



00686F

Square

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



992B00



006200



00669E



77329A

Rectangle

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



992B00



5B5400



00669E



0056BB

Sweetspot

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



992B00



C79C8B



990070



634A40



E3E3E3



636363

Same Dimension

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



992B00



C73800



997500



4D4745



8C2700



0D0400

Inverse Universe

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



006E99



008FC7



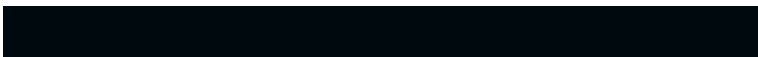
002499



454A4D



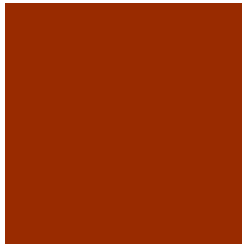
00658C



00090D

Previews

White Background



This preview shows how the Hex color 992B00 looks on a white background.

Color Contrast Check

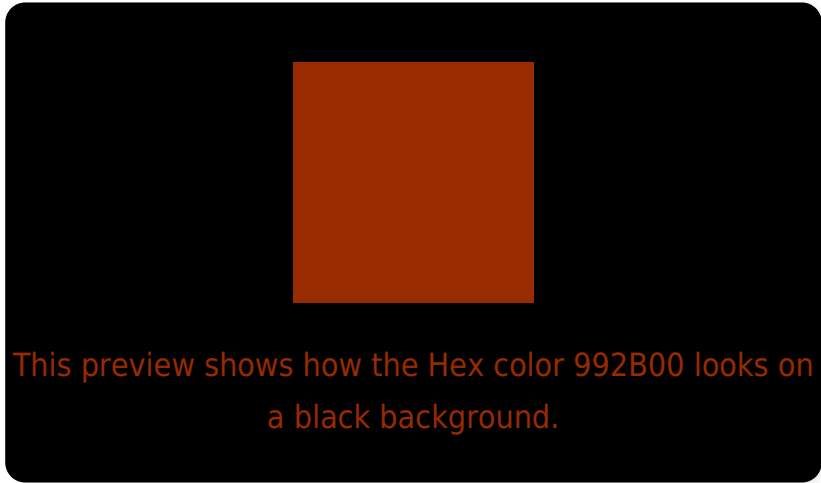
Large Text (above 18pt) WCAG AA ✓ Pass

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

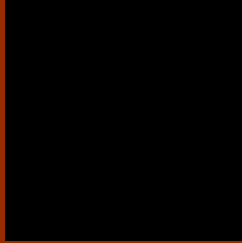
Any Text WCAG AA × Fail

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 992B00 Background



This preview shows how black text looks on a background with the Hex color 992B00.



This preview shows how white text looks on a background with the Hex color 992B00.

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
992B00

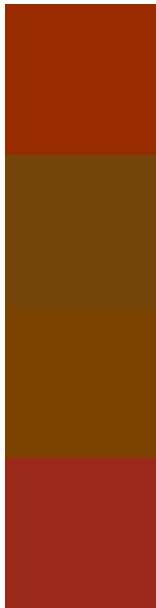
Protanopia
5E5411

Deuteranopia
6A4F00



Tritanopia
9A282A

Trichromacy



Original Color
992B00

Protanomaly
73450B

Deuteranomaly
7B4200

Tritanomaly
9A291B

Monochromacy



Original Color
992B00

Achromatopsia
474747

Achromatomaly
653D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 992B00 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 #992B00 looks like.

```
.text, #text, p{  
    color:#992B00  
}
```

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 #992B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #992B00
}
```

Border

The CSS property to change the border of an element to Hex 992B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

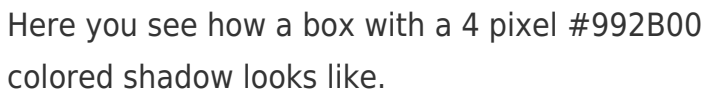
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#992B00 }
```

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

```
.border{ border-color:#992B00 }
```

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



Here you see how a box with a 4 pixel #992B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #992B00; -webkit-box-shadow:4px 4px  
4px 4px #992B00; box-shadow:4px 4px 4px  
4px #992B00 }
```

Background

The CSS property to change the background color of an element to Hex 992B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#992B00 }
```

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

```
.background{ background-color:#992B00 }
```

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