

Converting Colors

Hex(992201)

Have a look what the booklet for
Hex(992201) contains.

Hex(992201)	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(992201)

Conversions

Conversions Part 1

Format	Color
Hex	992201
RGB	153, 34, 1
RGB Percent	60%, 13%, 0%
CMY	0.4000, 0.8667, 0.9961
CMYK	0.00, 0.78, 0.99, 0.40
HSL	13°, 99%, 30%
HSV	13°, 99%, 60%
XYZ	13.7144, 7.9186, 0.8343
YIQ	65.8190, 81.5170, 14.9650

Conversions

Conversions Part 2

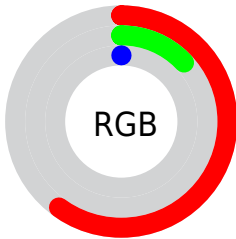
Format	Color
RYB	153, 43, 1
Decimal	10035713
CIELab	33.81, 47.54, 46.36
CIELCh	34, 66.406, 44.282
Yxy	7.9186, 0.6104, 0.3524
Android (android.graphics.Color)	4288225793 (0xFF992201)
YUV	65.8190, -31.9558, 76.4577
Hunter-Lab	28.1399, 37.7496, 17.9401

Details

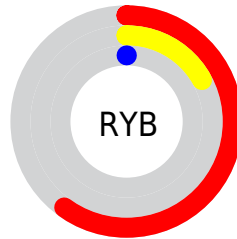
The Hex color **992201** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **017899**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **D75932**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **992100**, and if you desaturate by 10%, it is **992E10**.

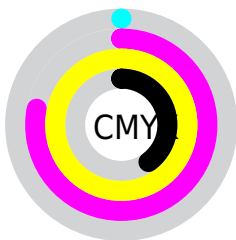
Distribution



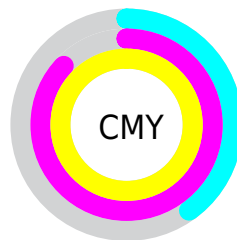
- Red (60%)
- Green (13%)
- Blue (0%)



- Red (60%)
- Yellow (17%)
- Blue (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (99%)
- Black (40%)



- Cyan (40%)
- Magenta (87%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 992201 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 992201 by changing the saturation by 10% instead.

 992201

 992201

 FFFFEA

 7B0000

 D75932

 5D0000

 F7734A

 400000

 FF8F63

 230001

 FFAA7C

 000000

 FFC696

 FFE3B2

 FFFFCD

 992201

 992201

■ 992100

■ 992E10

■ 993A20

■ 99462F

■ 99523E

■ 995E4E

■ 996A5D

■ 99766C

■ 99827B

■ 998E8B

Harmonies

Analogous

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



A80039



992201



784300

Triad

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



992201



006331



004EB8

Complementary

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



992201



017899

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.



005EB7



992201



006568

Square

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



992201



005F00



006499



6E319C

Rectangle

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



992201



5B5000



006499



0055BB

Sweetspot

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



992201



C7988B



990178



634740



E3E3E3



636363

Same Dimension

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



992201



C72B00



996E01



4D4745



8C1E00



0D0300

Inverse Universe

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



017899



009CC7



012C99



454B4D



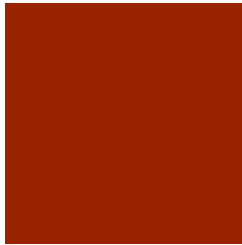
006E8C



000A0D

Previews

White Background



This preview shows how the Hex color 992201 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

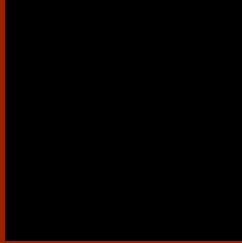
Any Text WCAG AA × Fail

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 992201 Background



This preview shows how black text looks on a background with the Hex color 992201.



This preview shows how white text looks on a background with the Hex color 992201.

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

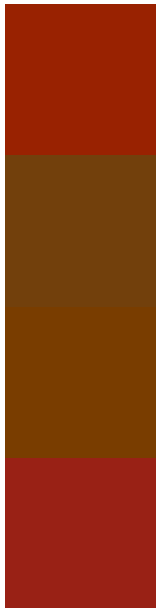


Original Color
992201

Protanopia
5B5112

Deuteranopia
664D00

Trichromacy



Original Color
992201

Protanomaly
72400C

Deuteranomaly
793D00

Tritanomaly
992115

Monochromacy



Original Color
992201

Achromatopsia
424242

Achromatomaly
62362A

CSS Examples

Text

The CSS property to change the color of the text to Hex 992201 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 #992201 looks like.

```
.text, #text, p{  
    color:#992201  
}
```

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 #992201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #992201
}
```

Border

The CSS property to change the border of an element to Hex 992201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

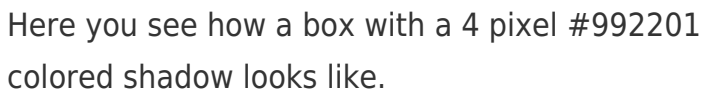
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#992201 }
```

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

```
.border{ border-color:#992201 }
```

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



Here you see how a box with a 4 pixel #992201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #992201; -webkit-box-shadow:4px 4px  
4px 4px #992201; box-shadow:4px 4px 4px  
4px #992201 }
```

Background

The CSS property to change the background color of an element to Hex 992201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#992201 }
```

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

```
.background{ background-color:#992201 }
```

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