

Converting Colors

Hex(991B00)

Have a look what the booklet for
Hex(991B00) contains.

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Color

Hex(991B00)

Conversions

Conversions Part 1

Format	Color
Hex	991B00
RGB	153, 27, 0
RGB Percent	60%, 11%, 0%
CMY	0.4000, 0.8941, 1.0000
CMYK	0.00, 0.82, 1.00, 0.40
HSL	11°, 100%, 30%
HSV	11°, 100%, 60%
XYZ	13.5288, 7.5562, 0.7454
YIQ	61.5960, 83.7630, 18.3150

Conversions

Conversions Part 2

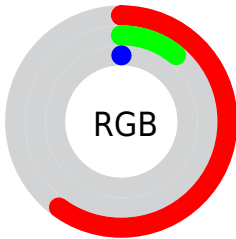
Format	Color
R_{YB}	153, 33, 0
Decimal	10033920
CIE _{Lab}	33.04, 49.68, 46.30
CIE _{LCh}	33, 67.912, 42.987
Yxy	7.5562, 0.6197, 0.3461
Android (android.graphics.Color)	4288224000 (0xFF991B00)
YUV	61.5960, -30.3668, 80.1613
Hunter-Lab	27.4885, 39.7461, 17.6341

Details

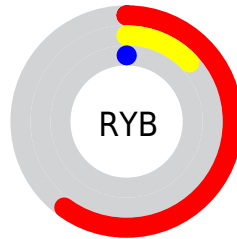
The Hex color **991B00** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **007E99**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **D75430**, and **5C0000** is the 20% darker color. If you saturate the color by 10%, you get **991B00**, and if you desaturate by 10%, it is **99280F**.

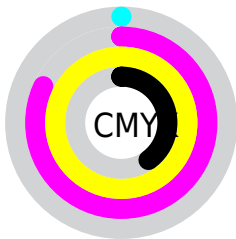
Distribution



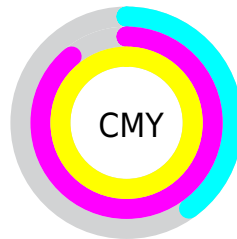
- Red (60%)
- Green (11%)
- Blue (0%)



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



- Cyan (0%)
- Magenta (82%)
- Yellow (100%)
- Black (40%)



- Cyan (40%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 991B00 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 991B00 by changing the saturation by 10% instead.

 991B00

 991B00

 FFFFE8

 7B0000

 D75430

 5C0000

 F76F48

 400001

 FF8A61

 210001

 FFA67A

 000000

 FFC295

 FFDFB0

 FFFCCB

 991B00

 99280F

 99341F

 99412E

 994D3D

 995A4D

 99675C

 99736B

 99807A

 998C8A

Harmonies

Analogous

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



A70039



991B00



784000

Triad

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



991B00



00612C



004EB8

Complementary

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



991B00



007E99

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.



005DB6



991B00



006365

Square

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



991B00



005D00



006297



69309E

Rectangle

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



991B00



5B4E00



006297



0054BB

Sweetspot

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



991B00



C7968B



99007F



634640



E3E3E3



636363

Same Dimension

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



991B00



C72300



996600



4D4645



8C1900



0D0200

Inverse Universe

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



007E99



00A4C7



003399



454B4D



00738C



000A0D

Previews

White Background



This preview shows how the Hex color 991B00 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 991B00 Background



This preview shows how black text looks on a background with the Hex color 991B00.



This preview shows how white text looks on a background with the Hex color 991B00.

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
991B00

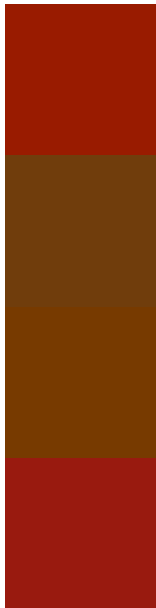
Protanopia
595013

Deuteranopia
644C00



Tritanopia
991918

Trichromacy



Original Color
991B00

Protanomaly
703D0C

Deuteranomaly
773A00

Tritanomaly
991A0F

Monochromacy



Original Color
991B00

Achromatopsia
3E3E3E

Achromatomaly
5F3127

CSS Examples

Text

The CSS property to change the color of the text to Hex 991B00 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 #991B00 looks like.

```
.text, #text, p{  
    color:#991B00  
}
```

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 #991B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #991B00
}
```

Border

The CSS property to change the border of an element to Hex 991B00 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".

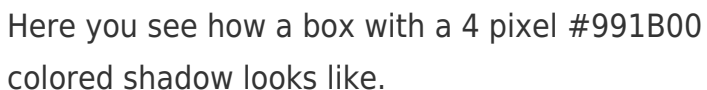
```
.border, #border, table{ border:4px solid
#991B00 }
```

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

```
.border{ border-color:#991B00 }
```

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

Here you see how a box with a 4 pixel #991B00 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom sides of the box, indicating a 4-pixel offset in both directions.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #991B00; -webkit-box-shadow:4px 4px  
4px 4px #991B00; box-shadow:4px 4px 4px  
4px #991B00 }
```

Background

The CSS property to change the background color of an element to Hex 991B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#991B00 }
```

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

```
.background{ background-color:#991B00 }
```

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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