

Converting Colors

Hex(983D02)

Have a look what the booklet for
Hex(983D02) contains.

Hex(983D02)	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(983D02)

Conversions

Conversions Part 1

Format	Color
Hex	983D02
RGB	152, 61, 2
RGB Percent	60%, 24%, 1%
CMY	0.4039, 0.7608, 0.9922
CMYK	0.00, 0.60, 0.99, 0.40
HSL	24°, 97%, 30%
HSV	24°, 99%, 60%
XYZ	14.6286, 10.0173, 1.2199
YIQ	81.4830, 73.1750, 0.9430

Conversions

Conversions Part 2

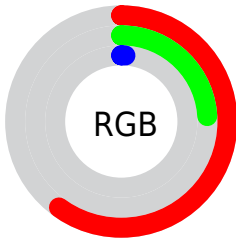
Format	Color
RYB	152, 99, 2
Decimal	9977090
CIELab	37.87, 35.74, 48.13
CIELCh	38, 59.950, 53.405
Yxy	10.0173, 0.5656, 0.3873
Android (android.graphics.Color)	4288167170 (0xFF983D02)
YUV	81.4830, -39.1851, 61.8434
Hunter-Lab	31.6501, 27.1147, 19.8697

Details

The Hex color **983D02** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **025D98**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D56F37**, and **5D0800** is the 20% darker color. If you saturate the color by 10%, you get **983C00**, and if you desaturate by 10%, it is **984611**.

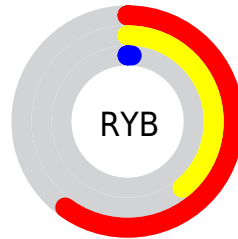
Distribution



Red (60%)

Green (24%)

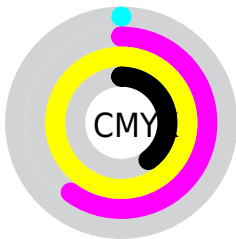
Blue (1%)



Red (60%)

Yellow (39%)

Blue (1%)

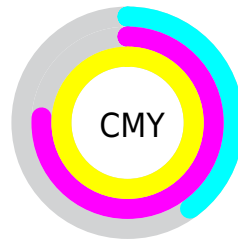


Cyan (0%)

Magenta (60%)

Yellow (99%)

Black (40%)



Cyan (40%)

Magenta (76%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 983D02 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 983D02 by changing the saturation by 10% instead.

 983D02

 983D02

 FFFFFF1

 7B2400

 D56F37

 5D0800

 F48A4F

 410000

 FFA468

 280001

 FFC082

 000000

 FFDC9D

 FFF9B8

 FFFFD4

 983D02

 983D02

■ 983C00

■ 984611

■ 984F20

■ 985930

■ 98623F

■ 986B4E

■ 98745D

■ 987E6C

■ 98877C

■ 98908B

Harmonies

Analogous

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



AB2136



983D02



765300

Triad

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



983D02



006D4D



3851B3

Complementary

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



983D02



025D98

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.



0063BB



983D02



006E7F

Square

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



983D02



006A18



006BA7



883794

Rectangle

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



983D02



595E00



006BA7



0058B9

Sweetspot

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



983D02



C4A189



98025E



634E40



E3E3E3



636363

Same Dimension

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



983D02



C44D00



988702



4D4845



8C3700



0D0500

Inverse Universe

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



025D98



0077C4



021398



45494D



00558C



00080D

Previews

White Background



This preview shows how the Hex color 983D02 looks on a white background.

Color Contrast Check

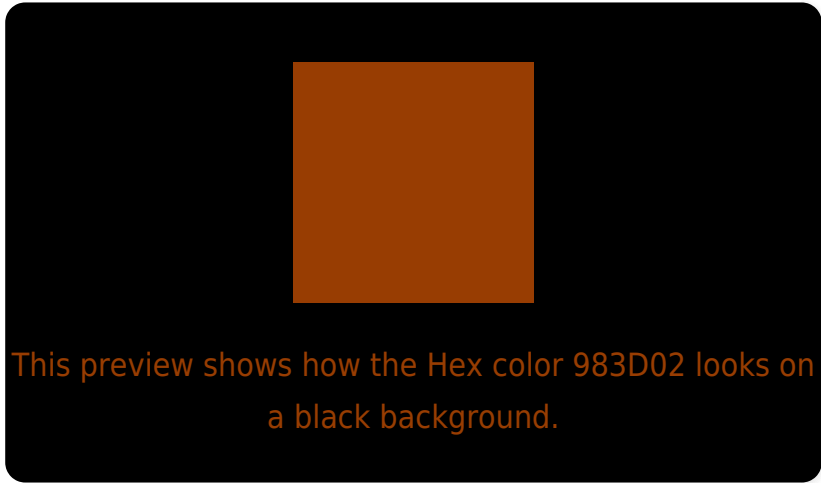
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 983D02 Background



This preview shows how black text looks on a background with the Hex color 983D02.



This preview shows how white text looks on a background with the Hex color 983D02.

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
983D02

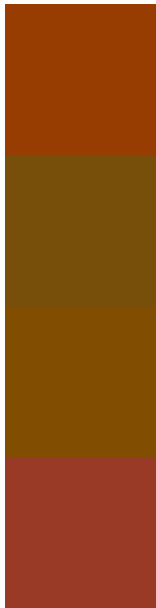
Protanopia
665A0F

Deuteranopia
725600



Tritanopia
99393C

Trichromacy



Original Color
983D02

Protanomaly
784F0A

Deuteranomaly
804D01

Tritanomaly
993A27

Monochromacy



Original Color
983D02

Achromatopsia
515151

Achromatomaly
6B4A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 983D02 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 #983D02 looks like.

```
.text, #text, p{  
    color:#983D02  
}
```

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 #983D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #983D02
}
```

Border

The CSS property to change the border of an element to Hex 983D02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

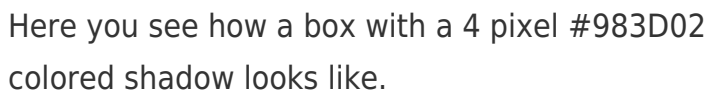
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#983D02 }
```

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

```
.border{ border-color:#983D02 }
```

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



Here you see how a box with a 4 pixel #983D02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #983D02; -webkit-box-shadow:4px 4px  
4px 4px #983D02; box-shadow:4px 4px 4px  
4px #983D02 }
```

Background

The CSS property to change the background color of an element to Hex 983D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#983D02 }
```

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

```
.background{ background-color:#983D02 }
```

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