

Converting Colors

Hex(993426)

Have a look what the booklet for
Hex(993426) contains.

Hex(993426)	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(993426)

Conversions

Conversions Part 1

Format	Color
Hex	993426
RGB	153, 52, 38
RGB Percent	60%, 20%, 15%
CMY	0.4000, 0.7961, 0.8510
CMYK	0.00, 0.66, 0.75, 0.40
HSL	7°, 60%, 37%
HSV	7°, 75%, 60%
XYZ	14.7147, 9.3682, 2.8664
YIQ	80.6030, 64.6900, 17.0580

Conversions

Conversions Part 2

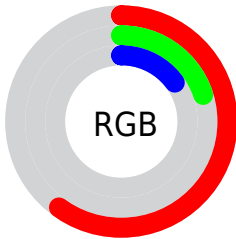
Format	Color
R_{YB}	153, 54, 38
Decimal	10040358
CIE _{Lab}	36.68, 41.39, 31.34
CIE _{LCh}	37, 51.917, 37.129
Yxy	9.3682, 0.5460, 0.3476
Android (android.graphics.Color)	4288230438 (0xFF993426)
YUV	80.6030, -21.0033, 63.4922
Hunter-Lab	30.6076, 32.2514, 15.8727

Details

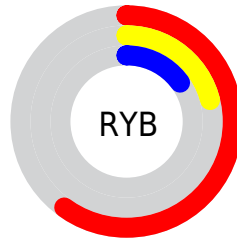
The Hex color **993426** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **268B99**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D56854**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **992717**, and if you desaturate by 10%, it is **994135**.

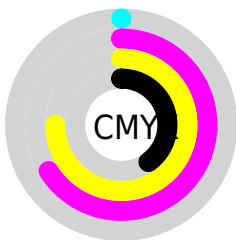
Distribution



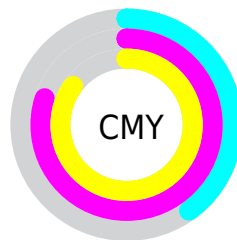
- Red (60%)
- Green (20%)
- Blue (15%)



- Red (60%)
- Yellow (21%)
- Blue (15%)



- Cyan (0%)
- Magenta (66%)
- Yellow (75%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 993426 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 993426 by changing the saturation by 10% instead.

 993426

 993426

FFFFFF

 7C1911

 D56854

 5F0000

 F4826C

 420000

 FF9D86

 280001

 FFB9A0

 000000

 FFD5BB

 FFF2D7

 FFFFF3

 993426

 993426

 992717

 994135

 991907

 994F45

 991300

 995C54

 996A63

 997773

 998582

 999291

 999FA0

 99ADB0

Harmonies

Analogous

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



9F264E



993426



824800

Triad

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



993426



006734



0058AA

Complementary

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



993426



268B99

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.



0063A3



993426



00695F

Square

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



993426



336205



006888



634699

Rectangle

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



993426



6C5300



006888



005DAA

Sweetspot

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



993426



C79F99



99268C



634B48



E3E3E3



636363

Same Dimension

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



993426



C72A14



996D26



4D4645



8C1100



0D0200

Inverse Universe

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



268B99



14B1C7



265299



454C4D



007B8C



000B0D

Previews

White Background



This preview shows how the Hex color 993426 looks on a white background.

Color Contrast Check

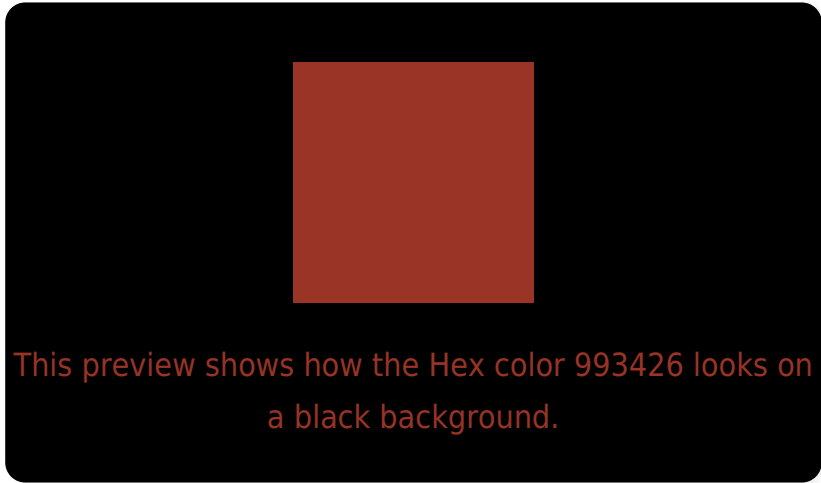
Large Text (above 18pt) WCAG AA ✓ Pass

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 993426 Background



This preview shows how black text looks on a background with the Hex color 993426.



This preview shows how white text looks on a background with the Hex color 993426.

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
993426

Protanopia
605731

Deuteranopia
6D531F



Tritanopia
9A3235

Trichromacy



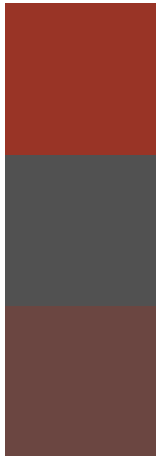
Original Color
993426

Protanomaly
754A2D

Deuteranomaly
7D4822

Tritanomaly
9A3330

Monochromacy



Original Color
993426

Achromatopsia
515151

Achromatomaly
6B4641

CSS Examples

Text

The CSS property to change the color of the text to Hex 993426 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 #993426 looks like.

```
.text, #text, p{  
    color:#993426  
}
```

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 #993426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993426 } }
```

Border

The CSS property to change the border of an element to Hex 993426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

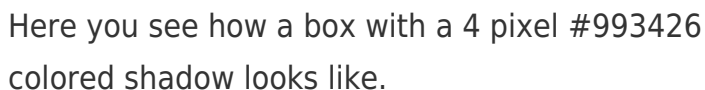
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #993426 } }
```

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

```
.border{ border-color:#993426 }
```

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



Here you see how a box with a 4 pixel #993426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993426; -webkit-box-shadow:4px 4px  
4px 4px #993426; box-shadow:4px 4px 4px  
4px #993426 }
```

Background

The CSS property to change the background color of an element to Hex 993426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993426 }
```

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

```
.background{ background-color:#993426 }
```

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