

Converting Colors

Hex(983A47)

Have a look what the booklet for
Hex(983A47) contains.

Hex(983A47)	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(983A47)

Conversions

Conversions Part 1

Format	Color
Hex	983A47
RGB	152, 58, 71
RGB Percent	60%, 23%, 28%
CMY	0.4039, 0.7725, 0.7216
CMYK	0.00, 0.62, 0.53, 0.40
HSL	352°, 45%, 41%
HSV	352°, 62%, 60%
XYZ	15.5993, 10.1564, 7.0995
YIQ	87.5880, 51.8510, 23.9710

Conversions

Conversions Part 2

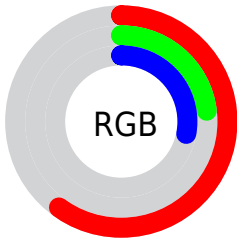
Format	Color
R_{YB}	152, 58, 71
Decimal	9976391
CIE Lab	38.12, 40.47, 12.82
CIE LCh	38, 42.450, 17.571
Yxy	10.1564, 0.4748, 0.3091
Android (android.graphics.Color)	4288166471 (0xFF983A47)
YUV	87.5880, -8.1779, 56.4893
Hunter-Lab	31.8692, 31.6009, 9.1005

Details

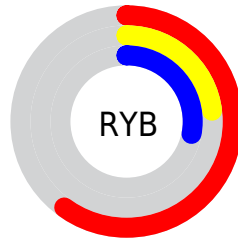
The Hex color **983A47** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3A988B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D26D77**, and **60001C** is the 20% darker color. If you saturate the color by 10%, you get **982B3A**, and if you desaturate by 10%, it is **984954**.

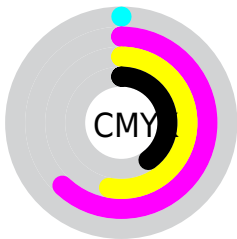
Distribution



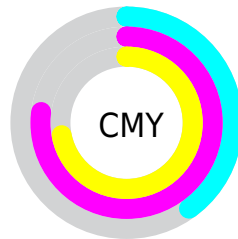
- Red (60%)
- Green (23%)
- Blue (28%)



- Red (60%)
- Yellow (23%)
- Blue (28%)



- Cyan (0%)
- Magenta (62%)
- Yellow (53%)
- Black (40%)



- Cyan (40%)
- Magenta (77%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 983A47 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 983A47 by changing the saturation by 10% instead.

 983A47

 983A47

FFFFFF

 7C2031

 D26D77

 60001C

 F08891

 450001

 FFA3AB

 2C0001

 FFBFC7

 000000

 FFD8E3

 FFF8FF

 983A47

 983A47

 982B3A

 984954

 981C2D

 985861

 980C20

 98686E

 980015

 98777B

 988688

 989596

 98A4A3

 98B4B0

 98C3BD

Harmonies

Analogous

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



913B6A



983A47



8E4528

Triad

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



983A47



2F6528



00629D

Complementary

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



983A47



3A988B

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.



00688C



983A47



00694A

Square

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



983A47



585E10



006A6D



3E579B

Rectangle

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



983A47



804E17



006A6D



006499

Sweetspot

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



983A47



C49FA4



8A3A98



634D50



E3E3E3



636363

Same Dimension

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



983A47



C43347



985B3A



4D4546



8C0013



0D0002

Inverse Universe

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



983A47



C43347



3A7798



4D4546



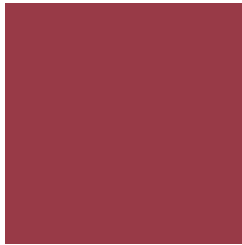
8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 983A47 looks on a white background.

Color Contrast Check

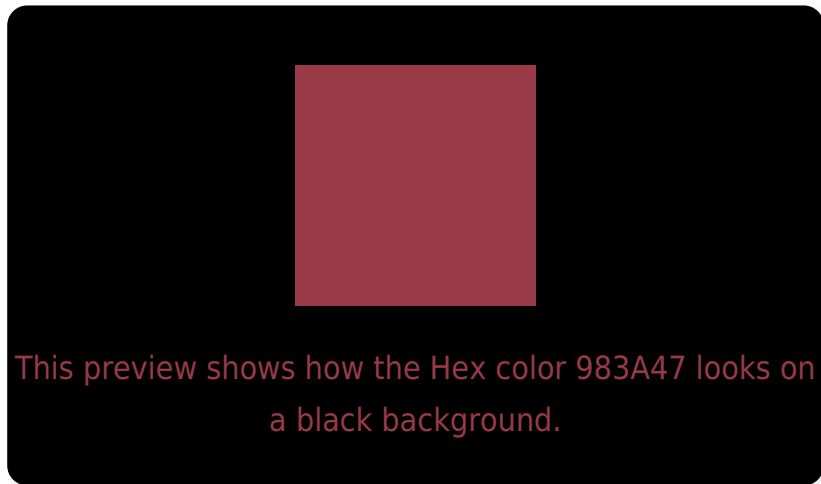
Large Text (above 18pt) WCAG AA ✓ Pass

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 983A47 Background



This preview shows how black text looks on a background with the Hex color 983A47.

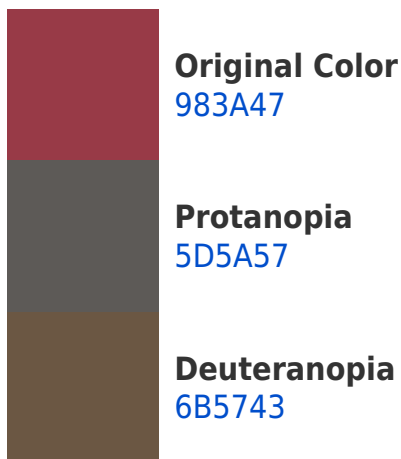


This preview shows how white text looks on a background with the Hex color 983A47.

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





Tritanopia
983B3F

Trichromacy



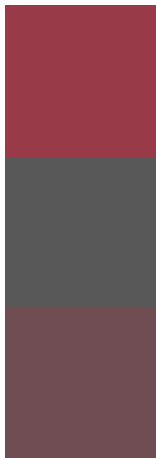
Original Color
983A47

Protanomaly
724E51

Deuteranomaly
7B4C44

Tritanomaly
983B42

Monochromacy



Original Color
983A47

Achromatopsia
585858

Achromatomaly
6F4D52

CSS Examples

Text

The CSS property to change the color of the text to Hex 983A47 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 #983A47 looks like.

```
.text, #text, p{  
    color:#983A47  
}
```

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 #983A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #983A47
}
```

Border

The CSS property to change the border of an element to Hex 983A47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

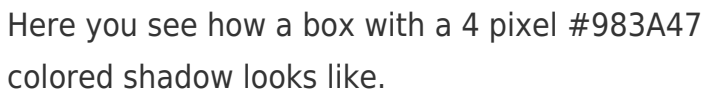
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#983A47 }
```

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

```
.border{ border-color:#983A47 }
```

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



Here you see how a box with a 4 pixel #983A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #983A47; -webkit-box-shadow:4px 4px  
4px 4px #983A47; box-shadow:4px 4px 4px  
4px #983A47 }
```

Background

The CSS property to change the background color of an element to Hex 983A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#983A47 }
```

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

```
.background{ background-color:#983A47 }
```

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