

Converting Colors

Hex(9B913A)

Have a look what the booklet for
Hex(9B913A) contains.

Hex(9B913A)	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(9B913A)

Conversions

Conversions Part 1

Format	Color
Hex	9B913A
RGB	155, 145, 58
RGB Percent	61%, 57%, 23%
CMY	0.3922, 0.4314, 0.7725
CMYK	0.00, 0.06, 0.63, 0.39
HSL	54°, 46%, 42%
HSV	54°, 63%, 61%
XYZ	24.4067, 27.5248, 8.0294
YIQ	138.0720, 33.8870, -24.9370

Conversions

Conversions Part 2

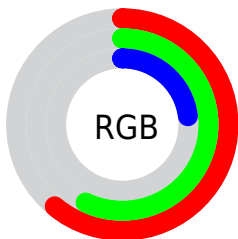
Format	Color
RYB	69, 155, 58
Decimal	10195258
CIELab	59.46, -7.44, 46.23
CIELCh	59, 46.824, 99.144
Yxy	27.5248, 0.4070, 0.4590
Android (android.graphics.Color)	4288385338 (0xFF9B913A)
YUV	138.0720, -39.4755, 14.8459
Hunter-Lab	52.4641, -8.7727, 27.6508

Details

The Hex color **9B913A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A449B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D4C76D**, and **655F01** is the 20% darker color. If you saturate the color by 10%, you get **9B8F2A**, and if you desaturate by 10%, it is **9B9349**.

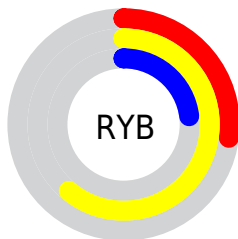
Distribution



Red (61%)

Green (57%)

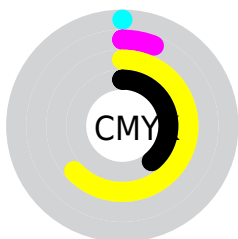
Blue (23%)



Red (27%)

Yellow (61%)

Blue (23%)

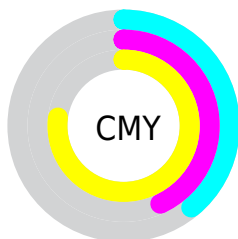


Cyan (0%)

Magenta (6%)

Yellow (63%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B913A 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 9B913A by changing the saturation by 10% instead.

 9B913A

 9B913A

FFFFFF

 807720

 D4C76D

 655F01

 F1E387

 4B4700

 FFFFA2

 323100

 FFFFBE

 1A1C00

 FFFFDA

 000000

 FFFFF7

 9B913A

 9B913A

 9B8F2A

 9B9349

 9B8E1B

 9B9459

 9B8C0B

 9B9668

 9B8B00

 9B9778

 9B9987

 9B9B97

 9B9CA7

 9B9EB6

 9B9FC5

Harmonies

Analogous

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



BF8341



9B913A



6F9C4D

Triad

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



9B913A



00A2C2



CB71AD

Complementary

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



9B913A



3A449B

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.



A37FCF



9B913A



009BDC

Square

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



9B913A



00A49B



5E8FE0



DC6C84

Rectangle

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



9B913A



49A063



5E8FE0



C175BA

Sweetspot

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



9B913A



C9C6A3



9B3A45



66644F



E6E6E6



666666

Same Dimension

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



9B913A



C9BA32



769B3A



4D4C45



8C7E00



0D0B00

Inverse Universe

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



3A449B



3242C9



5F3A9B



45464D



000E8C



00010D

Previews

White Background



This preview shows how the Hex color 9B913A looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

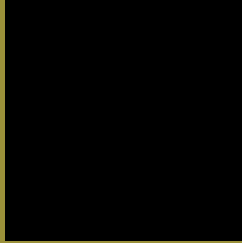
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9B913A Background



This preview shows how black text looks on a background with the Hex color 9B913A.



This preview shows how white text looks on a background with the Hex color 9B913A.

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
9B913A

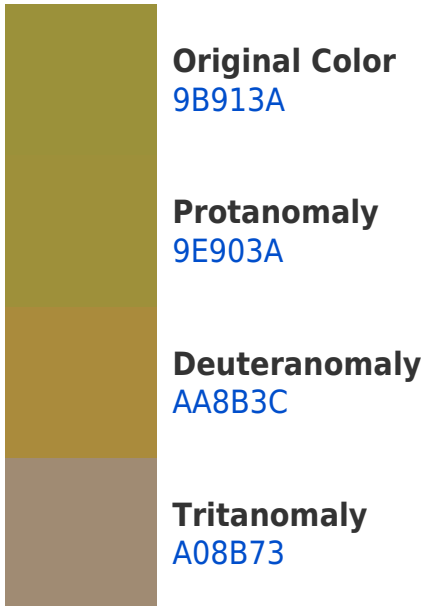
Protanopia
A08F3A

Deuteranopia
B2883D

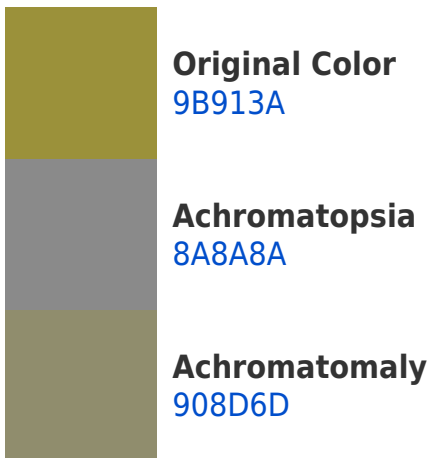


Tritanopia
A38893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B913A 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 #9B913A looks like.

```
.text, #text, p{  
    color:#9B913A  
}
```

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 #9B913A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B913A
}
```

Border

The CSS property to change the border of an element to Hex 9B913A 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
#9B913A }
```

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

```
.border{ border-color:#9B913A }
```

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

Here you see how a box with a 4 pixel #9B913A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B913A; -webkit-box-shadow:4px 4px  
4px 4px #9B913A; box-shadow:4px 4px 4px  
4px #9B913A }
```

Background

The CSS property to change the background color of an element to Hex 9B913A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B913A }
```

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

```
.background{ background-color:#9B913A }
```

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