

Converting Colors

Hex(919A23)

Have a look what the booklet for
Hex(919A23) contains.

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Color

Hex(919A23)

Conversions

Conversions Part 1

Format	Color
Hex	919A23
RGB	145, 154, 35
RGB Percent	57%, 60%, 14%
CMY	0.4314, 0.3961, 0.8627
CMYK	0.06, 0.00, 0.77, 0.40
HSL	65°, 63%, 37%
HSV	65°, 77%, 60%
XYZ	23.5360, 29.2523, 5.9959
YIQ	137.7430, 32.8350, -38.9170

Conversions

Conversions Part 2

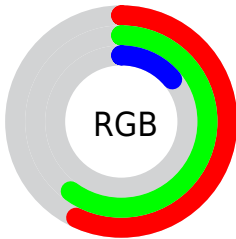
Format	Color
RYB	35, 154, 44
Decimal	9542179
CIELab	61.00, -17.93, 56.67
CIELCh	61, 59.444, 107.558
Yxy	29.2523, 0.4004, 0.4976
Android (android.graphics.Color)	4287732259 (0xFF919A23)
YUV	137.7430, -50.6523, 6.3644
Hunter-Lab	54.0854, -16.9726, 31.2869

Details

The Hex color **919A23** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2C239A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CAD05A**, and **5B6700** is the 20% darker color. If you saturate the color by 10%, you get **909A14**, and if you desaturate by 10%, it is **929A32**.

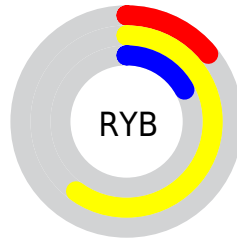
Distribution



Red (57%)

Green (60%)

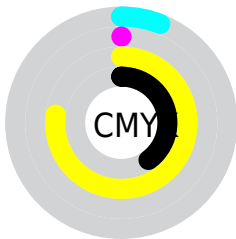
Blue (14%)



Red (14%)

Yellow (60%)

Blue (17%)

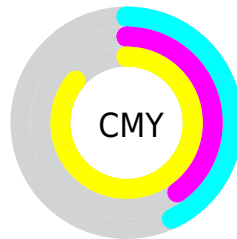


Cyan (6%)

Magenta (0%)

Yellow (77%)

Black (40%)



Cyan (43%)

Magenta (40%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 919A23 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 919A23 by changing the saturation by 10% instead.



919A23



919A23

FFFFFF



768000



CAD05A



5B6700



E7EC75



414F00



FFFF90



273800



FFFFAC



0D2300



FFFC8



000700



FFFE5



000000



919A23



919A23



909A14



929A32

■ 8F9A04

■ 939A42

■ 8E9A00

■ 949A51

■ 969A61

■ 979A70

■ 989A7F

■ 999A8F

■ 9A9A9E

■ 9B9AAE

Harmonies

Analogous

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



C18924



919A23



52A548

Triad

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



919A23



00A9E0



E765AB

Complementary

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



919A23



2C239A

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.



BD78DB



919A23



009FFA

Square

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



919A23



00ACB1



6A8EF8



F36377

Rectangle

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



919A23



00AA69



6A8EF8



DD6ABC

Sweetspot

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



919A23



C6C99B



9A2B23



646649



E6E6E6



666666

Same Dimension

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



919A23



BBC90E



579A23



4C4D45



828C00



0C0D00

Inverse Universe

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



2C239A



1C0EC9



66239A



45454D



0B008C



01000D

Previews

White Background



This preview shows how the Hex color 919A23 looks on a white background.

Color Contrast Check

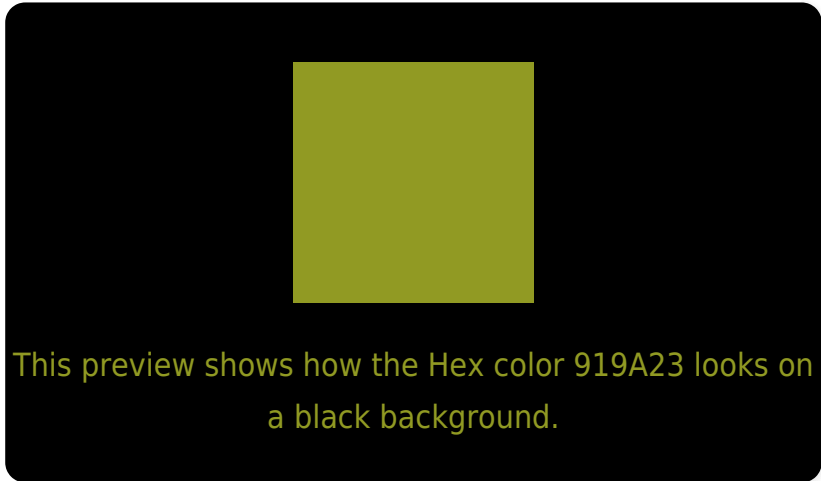
Large Text (above 18pt) WCAG AA ✓ Pass

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 919A23 Background



This preview shows how black text looks on a background with the Hex color 919A23.



This preview shows how white text looks on a background with the Hex color 919A23.

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
919A23

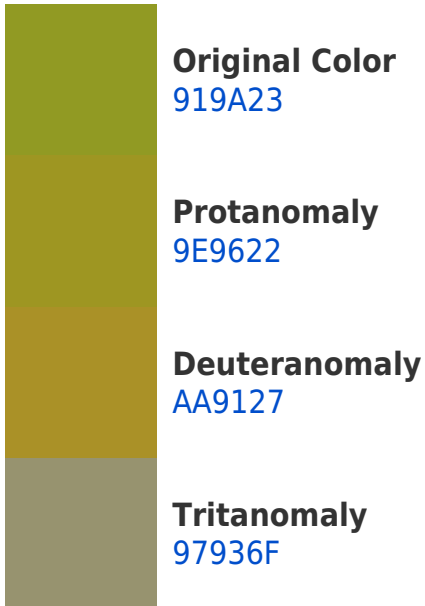
Protanopia
A59321

Deuteranopia
B98C2A

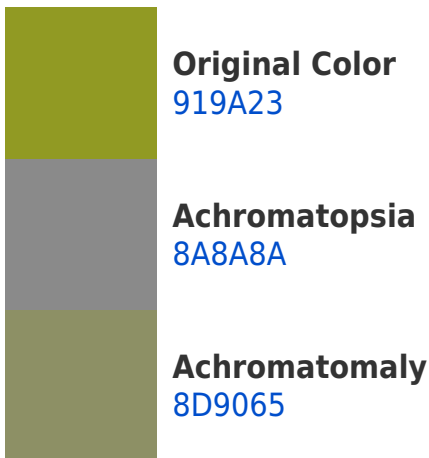


Tritanopia
9B8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 919A23 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 #919A23 looks like.

```
.text, #text, p{  
    color:#919A23  
}
```

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 #919A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #919A23
}
```

Border

The CSS property to change the border of an element to Hex 919A23 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
#919A23 }
```

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

```
.border{ border-color:#919A23 }
```

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

Here you see how a box with a 4 pixel #919A23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #919A23; -webkit-box-shadow:4px 4px  
4px 4px #919A23; box-shadow:4px 4px 4px  
4px #919A23 }
```

Background

The CSS property to change the background color of an element to Hex 919A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#919A23 }
```

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

```
.background{ background-color:#919A23 }
```

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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