

Converting Colors

Hex(9CA13B)

Have a look what the booklet for
Hex(9CA13B) contains.

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Color

Hex(9CA13B)

Conversions

Conversions Part 1

Format	Color
Hex	9CA13B
RGB	156, 161, 59
RGB Percent	61%, 63%, 23%
CMY	0.3882, 0.3686, 0.7686
CMYK	0.03, 0.00, 0.63, 0.37
HSL	63°, 46%, 43%
HSV	63°, 63%, 63%
XYZ	27.2446, 32.8734, 9.0469
YIQ	147.8770, 29.7620, -32.7820

Conversions

Conversions Part 2

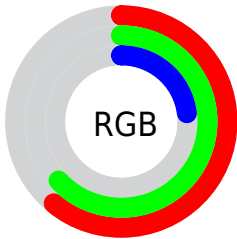
Format	Color
RYB	59, 161, 64
Decimal	10264891
CIELab	64.06, -15.41, 50.76
CIELCh	64, 53.045, 106.883
Yxy	32.8734, 0.3939, 0.4753
Android (android.graphics.Color)	4288454971 (0xFF9CA13B)
YUV	147.8770, -43.8164, 7.1239
Hunter-Lab	57.3354, -15.5173, 30.7794

Details

The Hex color **9CA13B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **403BA1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D5D86F**, and **666E00** is the 20% darker color. If you saturate the color by 10%, you get **9BA12B**, and if you desaturate by 10%, it is **9DA14B**.

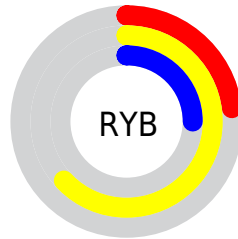
Distribution



Red (61%)

Green (63%)

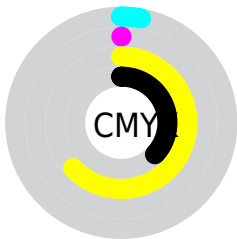
Blue (23%)



Red (23%)

Yellow (63%)

Blue (25%)

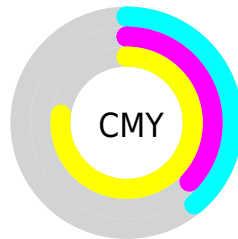


Cyan (3%)

Magenta (0%)

Yellow (63%)

Black (37%)



Cyan (39%)

Magenta (37%)

Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9CA13B 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 9CA13B by changing the saturation by 10% instead.

 9CA13B

 9CA13B

FFFFFF

 818720

 D5D86F

 666E00

 F2F48A

 4C5500

 FFFFA5

 333E00

 FFFFC1

 192800

 FFFFDD

 001600

 FFFFFA

 000000

 9CA13B

 9CA13B

 9BA12B

 9DA14B

 9AA11B

 9EA15B

 9AA10B

 9EA16B

 99A100

 9FA17B

 A0A18B

 A1A19C

 A2A1AC

 A2A1BC

 A3A1CC

Harmonies

Analogous

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



C7913C



9CA13B



66AC58

Triad

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



9CA13B



00AFDF



E874B2

Complementary

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



9CA13B



403BA1

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.



C084DC



9CA13B



00A6F7

Square

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



9CA13B



00B3B5



7997F6



F37382

Rectangle

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



9CA13B



2DB074



7997F6



DE78C1

Sweetspot

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



9CA13B



CFD1A9



A13E3B



676951



E8E8E8



696969

Same Dimension

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



9CA13B



C9D132



6BA13B



515249



8A9100



111200

Inverse Universe

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



403BA1



3A32D1



713BA1



4A4952



070091



010012

Previews

White Background



This preview shows how the Hex color 9CA13B looks on a white background.

Color Contrast Check

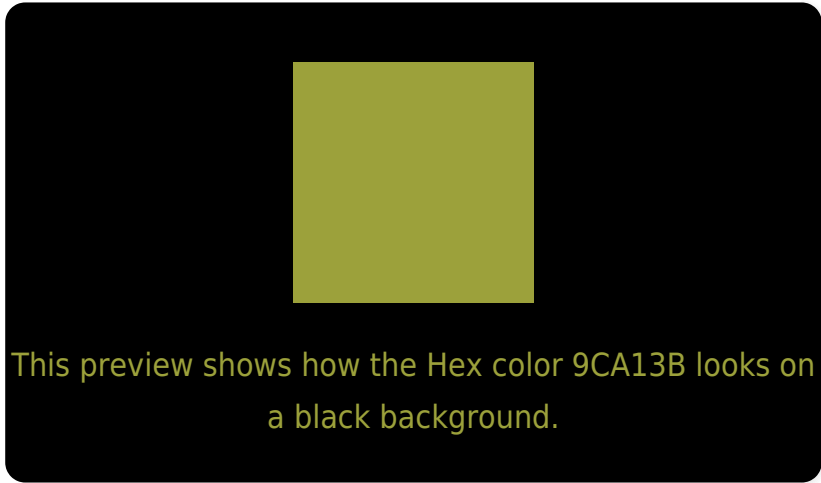
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 9CA13B Background



This preview shows how black text looks on a background with the Hex color 9CA13B.

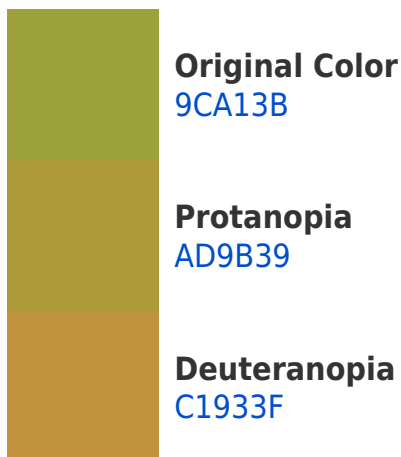


This preview shows how white text looks on a background with the Hex color 9CA13B.

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](#).

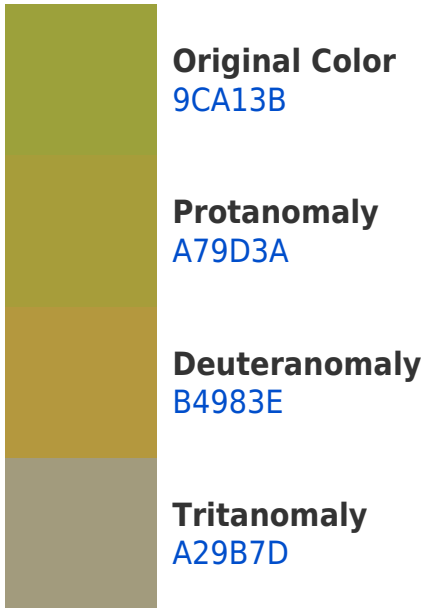
Dichromacy



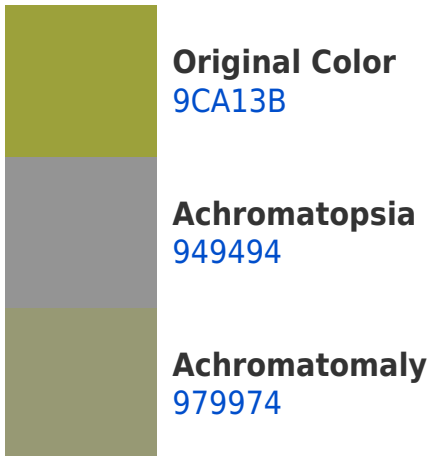


Tritanopia
A697A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA13B 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 #9CA13B looks like.

```
.text, #text, p{  
    color:#9CA13B  
}
```

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 #9CA13B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA13B
}
```

Border

The CSS property to change the border of an element to Hex 9CA13B 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
#9CA13B }
```

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

```
.border{ border-color:#9CA13B }
```

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

Here you see how a box with a 4 pixel #9CA13B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA13B; -webkit-box-shadow:4px 4px  
4px 4px #9CA13B; box-shadow:4px 4px 4px  
4px #9CA13B }
```

Background

The CSS property to change the background color of an element to Hex 9CA13B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA13B }
```

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

```
.background{ background-color:#9CA13B }
```

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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