

Converting Colors

Hex(9CA23F)

Have a look what the booklet for
Hex(9CA23F) contains.

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Color

Hex(9CA23F)

Conversions

Conversions Part 1

Format	Color
Hex	9CA23F
RGB	156, 162, 63
RGB Percent	61%, 64%, 25%
CMY	0.3882, 0.3647, 0.7529
CMYK	0.04, 0.00, 0.61, 0.36
HSL	64°, 44%, 44%
HSV	64°, 61%, 64%
XYZ	27.5278, 33.2675, 9.6730
YIQ	148.9200, 28.2030, -32.0610

Conversions

Conversions Part 2

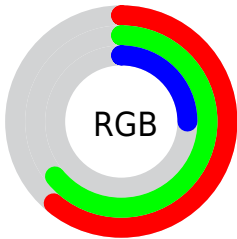
Format	Color
RYB	63, 162, 69
Decimal	10265151
CIELab	64.38, -15.64, 49.34
CIELCh	64, 51.759, 107.588
Yxy	33.2675, 0.3906, 0.4721
Android (android.graphics.Color)	4288455231 (0xFF9CA23F)
YUV	148.9200, -42.3586, 6.2092
Hunter-Lab	57.6780, -15.7441, 30.4312

Details

The Hex color **9CA23F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **453FA2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D5D973**, and **666F03** is the 20% darker color. If you saturate the color by 10%, you get **9BA22F**, and if you desaturate by 10%, it is **9DA24F**.

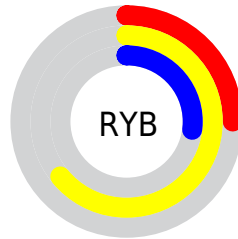
Distribution



Red (61%)

Green (64%)

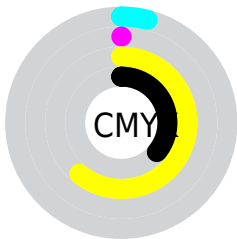
Blue (25%)



Red (25%)

Yellow (64%)

Blue (27%)

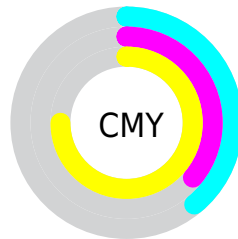


Cyan (4%)

Magenta (0%)

Yellow (61%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA23F 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 9CA23F by changing the saturation by 10% instead.

 9CA23F

 9CA23F

FFFFFF

 818825

 D5D973

 666F03

 F2F58E

 4C5600

 FFFFA9

 333F00

 FFFFC5

 1A2900

 FFFFEE

 001700

FFFFFFE

 000000

 9CA23F

 9CA23F

 9BA22F

 9DA24F

 9AA21F

 9EA25F

 99A20E

 9FA270

 98A200

 A0A280

 A1A290

 A2A2A0

 A3A2B0

 A4A2C1

 A5A2D1

Harmonies

Analogous

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



C7933F



9CA23F



67AC5B

Triad

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



9CA23F



00B0DF



E776B1

Complementary

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



9CA23F



453FA2

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.



C285DB



9CA23F



00A7F6

Square

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



9CA23F



00B3B7



7E98F4



F27583

Rectangle

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



9CA23F



31B177



7E98F4



DE7AC0

Sweetspot

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



9CA23F



D1D4AE



A2443F



6A6B54



EBEBEB



6B6B6B

Same Dimension

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



9CA23F



CAD439



6CA23F



515249



899100



111200

Inverse Universe

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



453FA2



4339D4



753FA2



4A4952



090091



010012

Previews

White Background



This preview shows how the Hex color 9CA23F looks on a white background.

Color Contrast Check

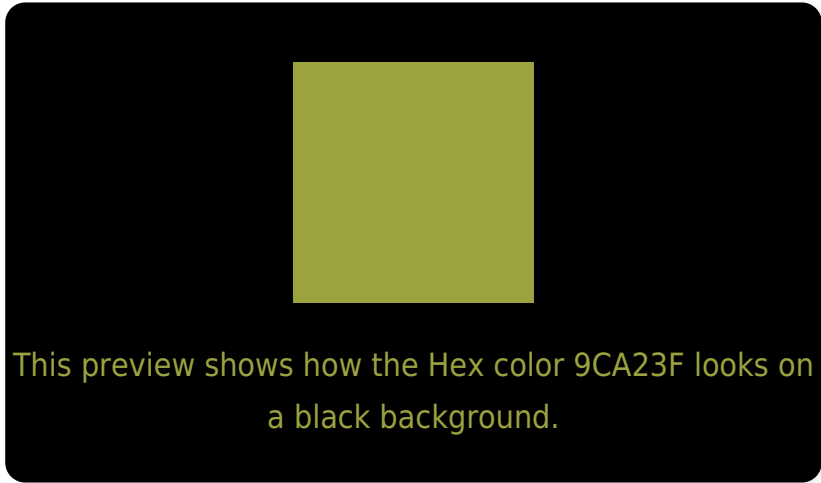
Large Text (above 18pt) WCAG AA × Fail

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

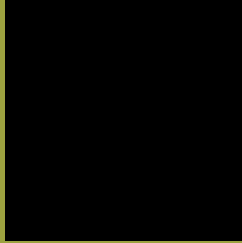
Any Text WCAG AA ✓ Pass

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 9CA23F Background



This preview shows how black text looks on a background with the Hex color 9CA23F.



This preview shows how white text looks on a background with the Hex color 9CA23F.

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
9CA23F

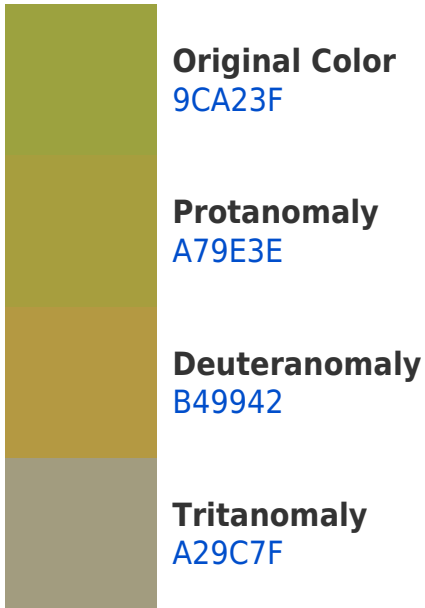
Protanopia
AE9C3D

Deuteranopia
C19443

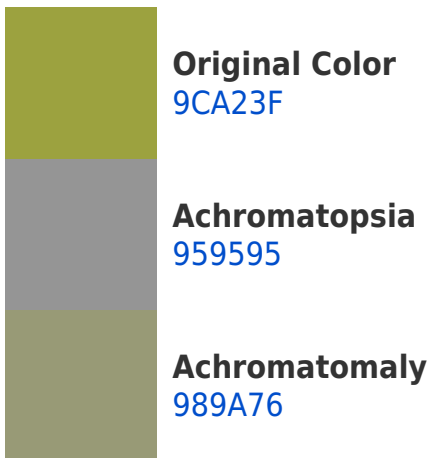


Tritanopia
A698A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA23F 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 #9CA23F looks like.

```
.text, #text, p{  
    color:#9CA23F  
}
```

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 #9CA23F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA23F
}
```

Border

The CSS property to change the border of an element to Hex 9CA23F 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
#9CA23F }
```

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

```
.border{ border-color:#9CA23F }
```

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

Here you see how a box with a 4 pixel #9CA23F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA23F; -webkit-box-shadow:4px 4px  
4px 4px #9CA23F; box-shadow:4px 4px 4px  
4px #9CA23F }
```

Background

The CSS property to change the background color of an element to Hex 9CA23F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA23F }
```

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

```
.background{ background-color:#9CA23F }
```

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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