

# Converting Colors

Hex(9EA23C)

Have a look what the booklet for  
Hex(9EA23C) contains.

|  |    |
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**Color**

**Hex(9EA23C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9EA23C                      |
| RGB         | 158, 162, 60                |
| RGB Percent | 62%, 64%, 24%               |
| CMY         | 0.3804, 0.3647, 0.7647      |
| CMYK        | 0.02, 0.00, 0.63, 0.36      |
| HSL         | 62°, 46%, 44%               |
| HSV         | 62°, 63%, 64%               |
| XYZ         | 27.8365, 33.4360, 9.2616    |
| YIQ         | 149.1760, 30.3580, -32.5700 |

# Conversions

## Conversions Part 2

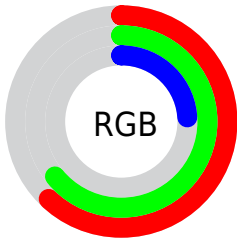
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">60, 162, 64</a>                    |
| Decimal                             | <a href="#">10396220</a>                       |
| CIELab                              | <a href="#">64.51, -14.99, 50.86</a>           |
| CIELCh                              | <a href="#">65, 53.021, 106.425</a>            |
| Yxy                                 | <a href="#">33.4360, 0.3947,<br/>0.4740</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4288586300<br/>(0xFF9EA23C)</a>    |
| YUV                                 | <a href="#">149.1760, -43.9638,<br/>7.7386</a> |
| Hunter-Lab                          | <a href="#">57.8239, -15.2616,<br/>30.9803</a> |

# Details

The Hex color **9EA23C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **403CA2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D7D970**, and **686F00** is the 20% darker color. If you saturate the color by 10%, you get **9DA22C**, and if you desaturate by 10%, it is **9FA24C**.

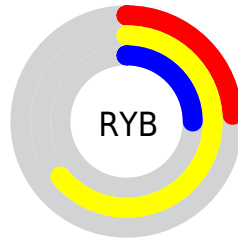
# Distribution



Red (62%)

Green (64%)

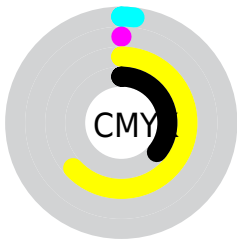
Blue (24%)



Red (24%)

Yellow (64%)

Blue (25%)

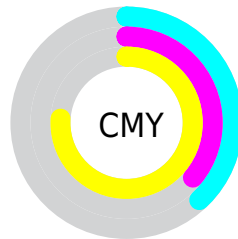


Cyan (2%)

Magenta (0%)

Yellow (63%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EA23C 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 9EA23C by changing the saturation by 10% instead.





9EA23C



9EA23C

FFFFFF



838821



D7D970



686F00



F4F58B



4E5600



FFFFA6



343F00



FFFFC2



1B2900



FFFFDE



001700



FFFFFB



000000



9EA23C



9EA23C



9DA22C



9FA24C

 9DA21C

 9FA25C

 9CA20B

 A0A26D

 9CA200

 A1A27D

 A1A28D

 A2A29D

 A2A2AD

 A3A2BE

 A4A2CE

# Harmonies

## Analogous

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



C9923D



9EA23C



68AD58

# Triad

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



9EA23C



00B1E0



E976B4

# Complementary

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



9EA23C



403CA2

# 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.



C185DE



9EA23C



00A8F8

# Square

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



9EA23C



00B4B6



7998F7



F57484

# Rectangle

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



9EA23C



31B175



7998F7



DE7AC3



# Sweetspot

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



9EA23C



D2D4AB



A23F3C



6A6B52



EBEBEB



6B6B6B



# Same Dimension

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



9EA23C



CDD433



6CA23C



515249



8C9100



111200



# Inverse Universe

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



403CA2



3933D4



723CA2



4A4952



060091



010012



# Previews

## White Background



This preview shows how the Hex color 9EA23C 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

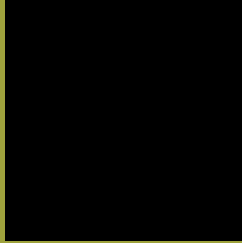
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EA23C Background



This preview shows how black text looks on a background with the Hex color 9EA23C.

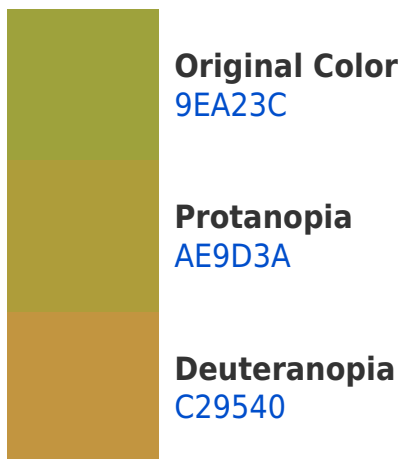


This preview shows how white text looks on a background with the Hex color 9EA23C.

# 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](#).

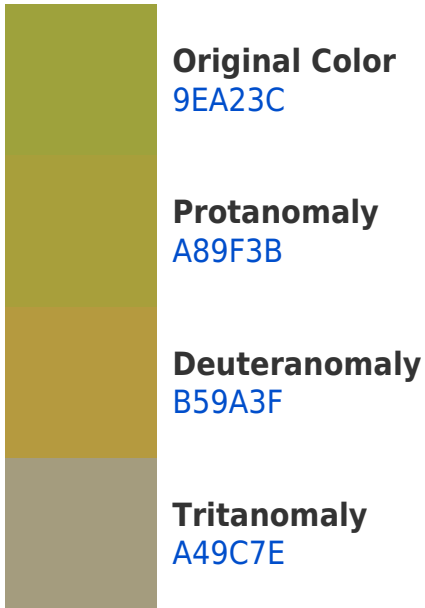
## Dichromacy





**Tritanopia**  
A898A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EA23C 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 #9EA23C looks like.

```
.text, #text, p{  
    color:#9EA23C  
}
```

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 #9EA23C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA23C
}
```

## Border

The CSS property to change the border of an element to Hex 9EA23C 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
#9EA23C }
```

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

```
.border{ border-color:#9EA23C }
```

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

Here you see how a box with a 4 pixel #9EA23C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA23C; -webkit-box-shadow:4px 4px  
4px 4px #9EA23C; box-shadow:4px 4px 4px  
4px #9EA23C }
```

# Background

The CSS property to change the background color of an element to Hex 9EA23C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA23C }
```

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

```
.background{ background-color:#9EA23C }
```

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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