

# Converting Colors

Hex(9F9C3B)

Have a look what the booklet for  
Hex(9F9C3B) contains.

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**Color**

**Hex(9F9C3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F9C3B
RGB	159, 156, 59
RGB Percent	62%, 61%, 23%
CMY	0.3765, 0.3882, 0.7686
CMYK	0.00, 0.02, 0.63, 0.38
HSL	58°, 46%, 43%
HSV	58°, 63%, 62%
XYZ	26.9760, 31.4636, 8.7890
YIQ	145.8390, 32.9250, -29.5310

# Conversions

## Conversions Part 2

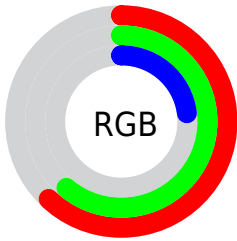
Format	Color
<a href="#">RYB</a>	<a href="#">62, 159, 59</a>
Decimal	<a href="#">10460219</a>
CIELab	<a href="#">62.90, -11.49, 49.59</a>
CIELCh	<a href="#">63, 50.907, 103.041</a>
Yxy	<a href="#">31.4636, 0.4013, 0.4680</a>
Android (android.graphics.Color)	<a href="#">4288650299</a> ( <a href="#">0xFF9F9C3B</a> )
YUV	<a href="#">145.8390, -42.8116, 11.5422</a>
Hunter-Lab	<a href="#">56.0924, -12.3176, 29.9747</a>

# Details

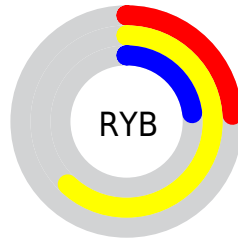
The Hex color **9F9C3B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B3E9F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D8D26F**, and **696900** is the 20% darker color. If you saturate the color by 10%, you get **9F9C2B**, and if you desaturate by 10%, it is **9F9C4B**.

# Distribution



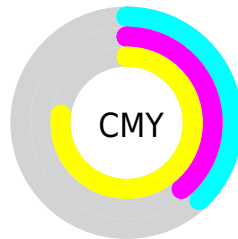
- Red (62%)
- Green (61%)
- Blue (23%)



- Red (24%)
- Yellow (62%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (63%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F9C3B 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 9F9C3B by changing the saturation by 10% instead.





9F9C3B



9F9C3B

FFFFFF



838220



D8D26F



696900



F5EF89



4F5100



FFFFA4



353A00



FFFFC0



1C2500



FFFFDD



001100



FFFFFFA



000000



9F9C3B



9F9C3B



9F9C2B



9F9C4B

 9F9B1B

 9F9D5B

 9F9B0B

 9F9D6B

 9F9A00

 9F9E7B

 9F9E8B

 9F9F9A

 9F9FAA

 9FA0BA

 9FA0CA

# Harmonies

## Analogous

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



C78D40



9F9C3B



6DA753

# Triad

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



9F9C3B



00ACD5



DE75B4

# Complementary

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



9F9C3B



3B3E9F

# 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.



B584DB



9F9C3B



00A4EE

# Square

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



9F9C3B



00AFAB



6D96F0



ED7186

# Rectangle

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



9F9C3B



3FAB6D



6D96F0



D379C2



# Sweetspot

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



9F9C3B



CFCDA7



9F3B3E



696851



E8E8E8



696969



# Same Dimension

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



9F9C3B



CFCA34



709F3B



4F4F47



8F8B00



0F0F00



# Inverse Universe

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



3B3E9F



3438CF



6A3B9F



47474F



00048F



00000F



# Previews

## White Background



This preview shows how the Hex color 9F9C3B looks on a white background.

## Color Contrast Check

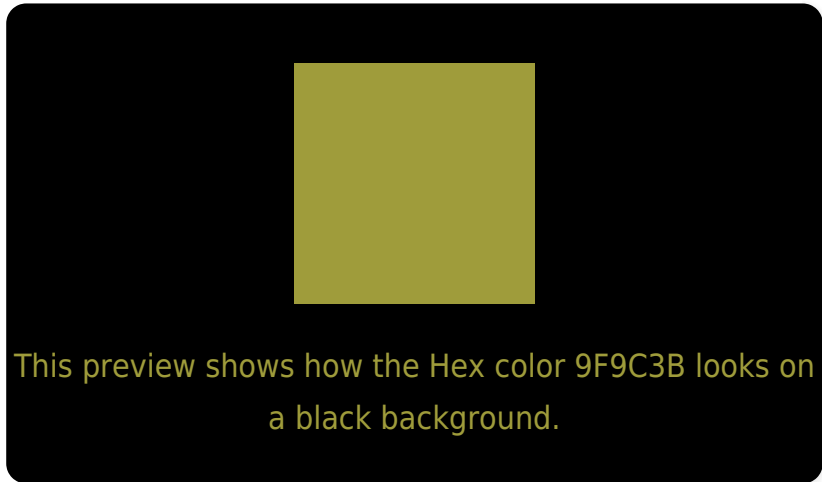
Large Text (above 18pt) WCAG AA × Fail

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

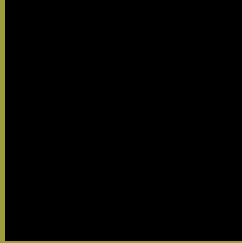
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9F9C3B Background



This preview shows how black text looks on a background with the Hex color 9F9C3B.



This preview shows how white text looks on a background with the Hex color 9F9C3B.

# 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**  
9F9C3B

**Protanopia**  
AA983A

**Deuteranopia**  
BD913F



**Tritanopia**  
A8929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F9C3B 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 #9F9C3B looks like.

```
.text, #text, p{  
    color:#9F9C3B  
}
```

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 #9F9C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9C3B
}
```

## Border

The CSS property to change the border of an element to Hex 9F9C3B 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
#9F9C3B }
```

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

```
.border{ border-color:#9F9C3B }
```

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

Here you see how a box with a 4 pixel #9F9C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9C3B; -webkit-box-shadow:4px 4px  
4px 4px #9F9C3B; box-shadow:4px 4px 4px  
4px #9F9C3B }
```

# Background

The CSS property to change the background color of an element to Hex 9F9C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9C3B }
```

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

```
.background{ background-color:#9F9C3B }
```

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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