

# Converting Colors

Hex(9FAF41)

Have a look what the booklet for  
Hex(9FAF41) contains.

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# Color

**Hex(9FAF41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FAF41
RGB	159, 175, 65
RGB Percent	62%, 69%, 25%
CMY	0.3765, 0.3137, 0.7451
CMYK	0.09, 0.00, 0.63, 0.31
HSL	69°, 46%, 47%
HSV	69°, 63%, 69%
XYZ	30.5822, 38.4125, 10.8035
YIQ	157.6760, 25.7740, -37.6020

# Conversions

## Conversions Part 2

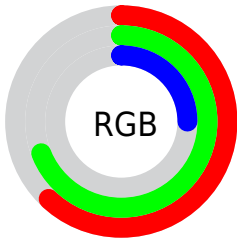
Format	Color
<a href="#">RYB</a>	<a href="#">65, 175, 81</a>
Decimal	<a href="#">10465089</a>
CIELab	<a href="#">68.32, -20.84, 52.80</a>
CIELCh	<a href="#">68, 56.761, 111.544</a>
Yxy	<a href="#">38.4125, 0.3832, 0.4814</a>
Android (android.graphics.Color)	<a href="#">4288655169 (0xFF9FAF41)</a>
YUV	<a href="#">157.6760, -45.6893, 1.1611</a>
Hunter-Lab	<a href="#">61.9778, -20.3826, 33.0495</a>

# Details

The Hex color **9FAF41** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5141AF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D8E676**, and **697B02** is the 20% darker color. If you saturate the color by 10%, you get **9CAF2F**, and if you desaturate by 10%, it is **A2AF53**.

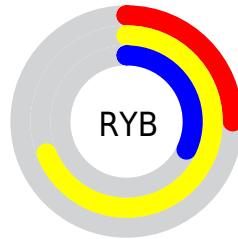
# Distribution



Red (62%)

Green (69%)

Blue (25%)



Red (25%)

Yellow (69%)

Blue (32%)

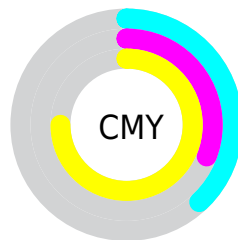


Cyan (9%)

Magenta (0%)

Yellow (63%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FAF41 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 9FAF41 by changing the saturation by 10% instead.





9FAF41



9FAF41

FFFFFF



839426



D8E676



697B02



F5FF91



4E6200



FFFFAC



354A00



FFFFC8



1B3300



FFFFE5



001F00



000000



9FAF41



9FAF41



9CAF2F



A2AF53

■ 9AAF1E

■ A4AF64

■ 97AF0C

■ A7AF76

■ 96AF00

■ A9AF87

■ ACAF99

■ AEAFAA

■ B1AFBB

■ B3AFCD

■ B6AFDF

# Harmonies

## Analogous

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



D09F3C



9FAF41



61BA64

# Triad

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



9FAF41



00BBF6



FD7BB7

# Complementary

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



9FAF41



5141AF

# 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.



D78AE7



9FAF41



00B0FF

# Square

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



9FAF41



00C0CB



909FFF



FF7C84

# Rectangle

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



9FAF41



02BE84



909FFF



F47EC8



# Sweetspot

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



9FAF41



DDE3B8



AF5041



6F7358



F2F2F2



737373



# Same Dimension

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



9FAF41



CAE339



69AF41



55574E



819600



141700



# Inverse Universe

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



5141AF



5139E3



8741AF



4F4E57



160096



030017



# Previews

## White Background



This preview shows how the Hex color 9FAF41 looks on a white background.

## Color Contrast Check

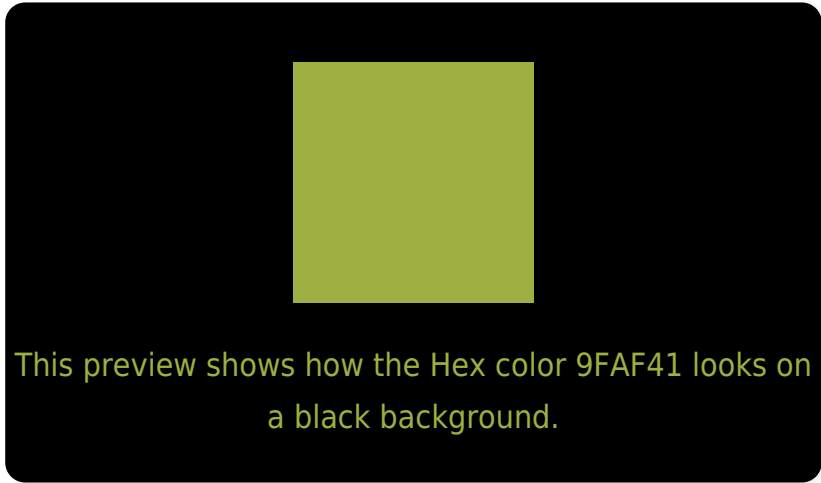
Large Text (above 18pt) WCAG AA × Fail

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 9FAF41 Background



This preview shows how black text looks on a background with the Hex color 9FAF41.



This preview shows how white text looks on a background with the Hex color 9FAF41.

# 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**  
9FAF41

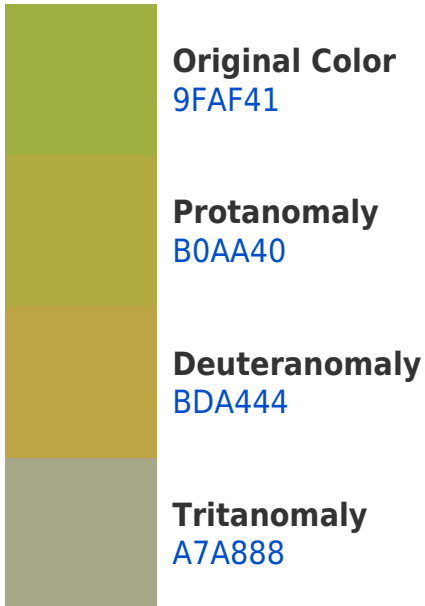
**Protanopia**  
BAA73F

**Deuteranopia**  
CE9E46



**Tritanopia**  
ABA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FAF41 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 #9FAF41 looks like.

```
.text, #text, p{  
    color:#9FAF41  
}
```

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 #9FAF41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FAF41
}
```

## Border

The CSS property to change the border of an element to Hex 9FAF41 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
#9FAF41 }
```

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

```
.border{ border-color:#9FAF41 }
```

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

Here you see how a box with a 4 pixel #9FAF41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FAF41; -webkit-box-shadow:4px 4px  
4px 4px #9FAF41; box-shadow:4px 4px 4px  
4px #9FAF41 }
```

# Background

The CSS property to change the background color of an element to Hex 9FAF41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FAF41 }
```

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

```
.background{ background-color:#9FAF41 }
```

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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