

# Converting Colors

Hex(9FAE0D)

Have a look what the booklet for  
Hex(9FAE0D) contains.

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**Color**

**Hex(9FAE0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FAE0D
RGB	159, 174, 13
RGB Percent	62%, 68%, 5%
CMY	0.3765, 0.3176, 0.9490
CMYK	0.09, 0.00, 0.93, 0.32
HSL	66°, 86%, 37%
HSV	66°, 93%, 68%
XYZ	29.5068, 37.6721, 6.0970
YIQ	151.1610, 42.7410, -53.2510

# Conversions

## Conversions Part 2

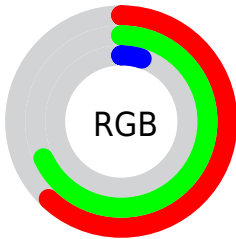
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 174, 28
Decimal	10464781
CIELab	67.78, -22.56, 67.93
CIELCh	68, 71.577, 108.369
Yxy	37.6721, 0.4027, 0.5141
Android (android.graphics.Color)	4288654861 (0xFF9FAE0D)
YUV	151.1610, -68.1134, 6.8748
Hunter-Lab	61.3776, -21.5984, 37.0747

# Details

The Hex color **9FAE0D** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1C0DAE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D9E551**, and **677A00** is the 20% darker color. If you saturate the color by 10%, you get **9EAE00**, and if you desaturate by 10%, it is **A1AE1E**.

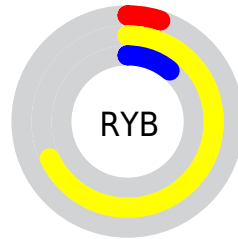
# Distribution



Red (62%)

Green (68%)

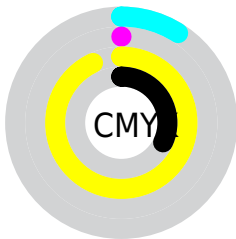
Blue (5%)



Red (5%)

Yellow (68%)

Blue (11%)

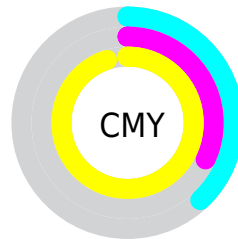


Cyan (9%)

Magenta (0%)

Yellow (93%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FAE0D 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 9FAE0D by changing the saturation by 10% instead.



 9FAE0D

 9FAE0D

FFFFFF

 839300

 D9E551

 677A00

 F7FF6D

 4C6100

 FFFF89

 314900

 FFFFA6

 163300

 FFFFC2

 001F00

 FFFFDF

 000000

 FFFFFD

 9FAE0D

 9FAE0D

■ 9EAE00

■ A1AE1E

■ A2AE30

■ A4AE41

■ A5AE53

■ A7AE64

■ A9AE75

■ AA AE87

■ AC AE98

■ AE AEAA

# Harmonies

## Analogous

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



DA990F



9FAE0D



4EBB49

# Triad

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



9FAE0D



00BFFF



FF68C1

# Complementary

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



9FAE0D



1C0DAE

# 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.



D982FC



9FAE0D



00B4FF

# Square

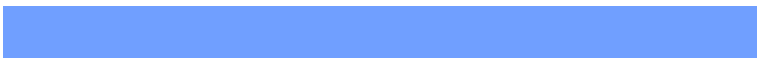
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9FAE0D



00C3CC



709FFF



FF6780

# Rectangle

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



9FAE0D



00C073



709FFF



FF6FD6



# Sweetspot

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



9FAE0D



DDE3A3



AE1A0D



6F734C



F2F2F2



737373



# Same Dimension

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



9FAE0D



CEE300



50AE0D



56574E



889600



151700



# Inverse Universe

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



1C0DAE



1500E3



6B0DAE



4F4E57



0E0096



020017



# Previews

## White Background



This preview shows how the Hex color 9FAE0D looks on a white background.

## Color Contrast Check

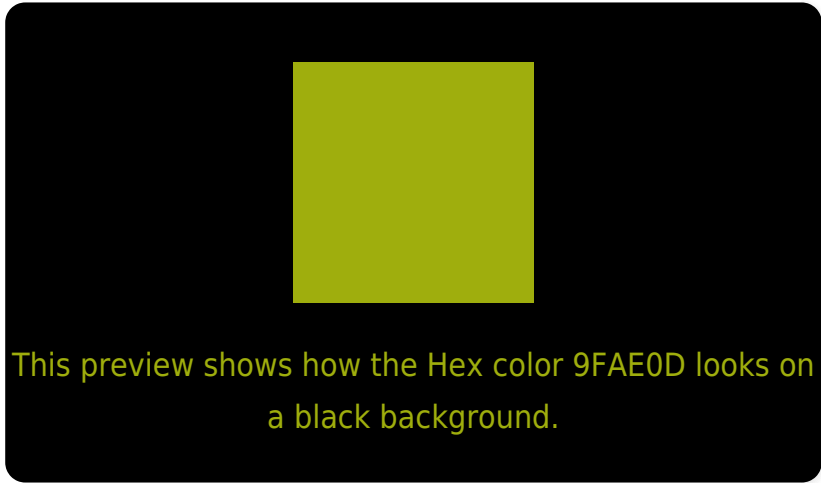
Large Text (above 18pt) WCAG AA × Fail

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 9FAE0D Background



This preview shows how black text looks on a background with the Hex color 9FAE0D.

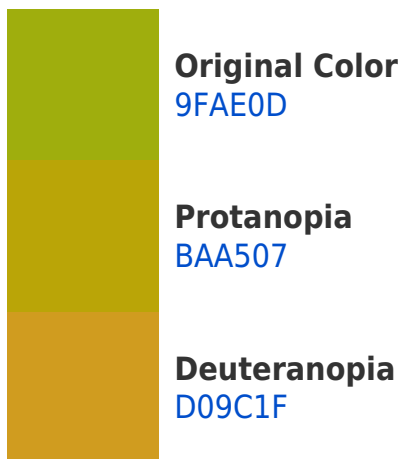


This preview shows how white text looks on a background with the Hex color 9FAE0D.

# Color Blindness Simulation

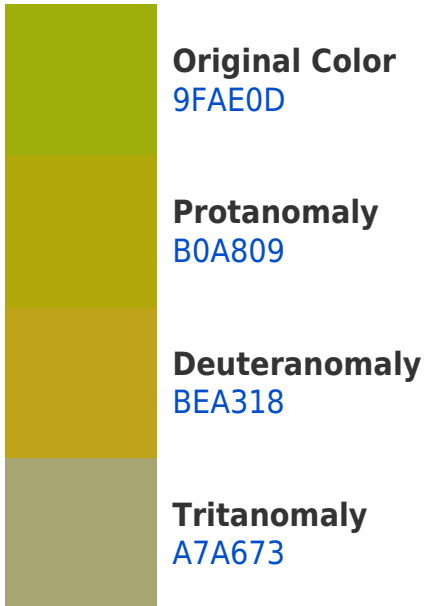
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FAE0D 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 #9FAE0D looks like.

```
.text, #text, p{  
    color:#9FAE0D  
}
```

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 #9FAE0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FAE0D
}
```

## Border

The CSS property to change the border of an element to Hex 9FAE0D 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
#9FAE0D }
```

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

```
.border{ border-color:#9FAE0D }
```

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

Here you see how a box with a 4 pixel #9FAE0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FAE0D; -webkit-box-shadow:4px 4px  
4px 4px #9FAE0D; box-shadow:4px 4px 4px  
4px #9FAE0D }
```

# Background

The CSS property to change the background color of an element to Hex 9FAE0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FAE0D }
```

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

```
.background{ background-color:#9FAE0D }
```

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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