

Converting Colors

Hex(9E9E37)

Have a look what the booklet for
Hex(9E9E37) contains.

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Color

Hex(9E9E37)

Conversions

Conversions Part 1

Format	Color
Hex	9E9E37
RGB	158, 158, 55
RGB Percent	62%, 62%, 22%
CMY	0.3804, 0.3804, 0.7843
CMYK	0.00, 0.00, 0.65, 0.38
HSL	60°, 48%, 42%
HSV	60°, 65%, 62%
XYZ	27.0170, 31.9987, 8.3668
YIQ	146.2580, 33.0630, -32.0330

Conversions

Conversions Part 2

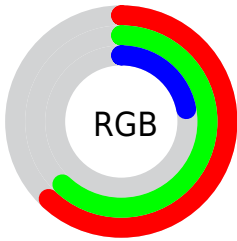
Format	Color
RYB	55, 158, 55
Decimal	10395191
CIELab	63.34, -13.24, 51.77
CIELCh	63, 53.433, 104.344
Yxy	31.9987, 0.4009, 0.4749
Android (android.graphics.Color)	4288585271 (0xFF9E9E37)
YUV	146.2580, -44.9902, 10.2977
Hunter-Lab	56.5674, -13.7399, 30.8276

Details

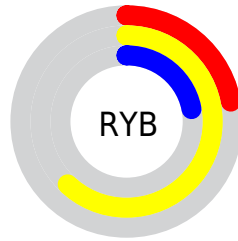
The Hex color **9E9E37** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **37379E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D7D46B**, and **686B00** is the 20% darker color. If you saturate the color by 10%, you get **9E9E27**, and if you desaturate by 10%, it is **9E9E47**.

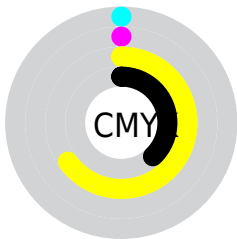
Distribution



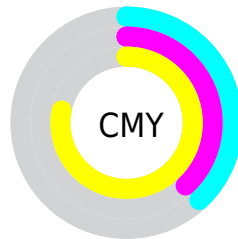
- Red (62%)
- Green (62%)
- Blue (22%)



- Red (22%)
- Yellow (62%)
- Blue (22%)



- Cyan (0%)
- Magenta (0%)
- Yellow (65%)
- Black (38%)



- Cyan (38%)
- Magenta (38%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E9E37 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 9E9E37 by changing the saturation by 10% instead.



9E9E37



9E9E37

FFFFFF



82841B



D7D46B



686B00



F4F186



4D5300



FFFFA1



343C00



FFFFBD



1B2600



FFFFD9



001300



FFFFF6



000000



9E9E37



9E9E37



9E9E27



9E9E47

■ 9E9E17

■ 9E9E57

■ 9E9E08

■ 9E9E66

■ 9E9E00

■ 9E9E76

■ 9E9E86

■ 9E9E96

■ 9E9EA6

■ 9E9EB5

■ 9E9EC5

Harmonies

Analogous

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



C98E3B



9E9E37



68A952

Triad

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



9E9E37



00AEDB



E473B4

Complementary

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



9E9E37



37379E

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.



BA83DE



9E9E37



00A6F5

Square

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



9E9E37



00B1AF



6F97F6



F27084

Rectangle

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



9E9E37



33AE6E



6F97F6



D977C3

Sweetspot

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



9E9E37



CFCFA5



9E3737



69694F



E8E8E8



696969

Same Dimension

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



9E9E37



CFCF2D



6A9E37



4F4F47



8F8F00



0F0F00

Inverse Universe

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



37379E



2D2DCF



6A379E



47474F



00008F



00000F

Previews

White Background



This preview shows how the Hex color 9E9E37 looks on a white background.

Color Contrast Check

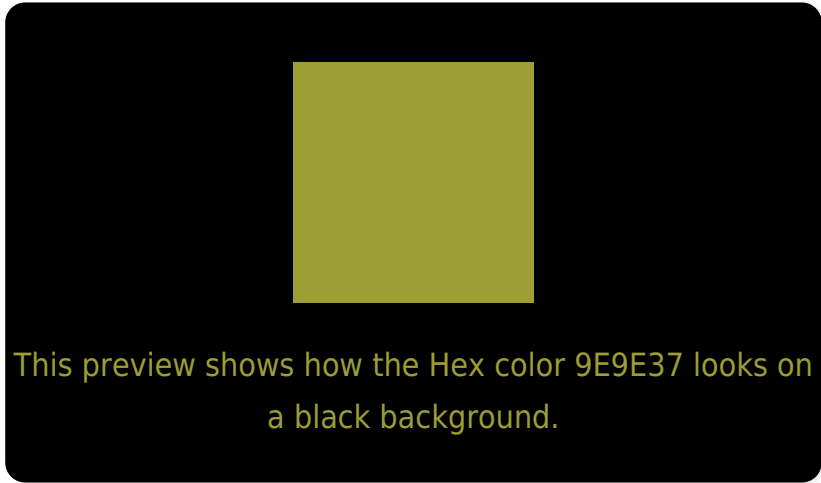
Large Text (above 18pt) WCAG AA × Fail

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

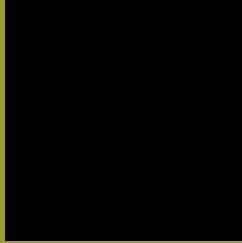
Any Text WCAG AA ✓ Pass

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 9E9E37 Background



This preview shows how black text looks on a background with the Hex color 9E9E37.



This preview shows how white text looks on a background with the Hex color 9E9E37.

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
9E9E37

Protanopia
AB9A36

Deuteranopia
BF923B



Tritanopia
A8949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E9E37 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 #9E9E37 looks like.

```
.text, #text, p{  
    color:#9E9E37  
}
```

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 #9E9E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9E37
}
```

Border

The CSS property to change the border of an element to Hex 9E9E37 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
#9E9E37 }
```

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

```
.border{ border-color:#9E9E37 }
```

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

Here you see how a box with a 4 pixel #9E9E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9E37; -webkit-box-shadow:4px 4px  
4px 4px #9E9E37; box-shadow:4px 4px 4px  
4px #9E9E37 }
```

Background

The CSS property to change the background color of an element to Hex 9E9E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9E37 }
```

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

```
.background{ background-color:#9E9E37 }
```

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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