

Converting Colors

Hex(9E9A45)

Have a look what the booklet for
Hex(9E9A45) contains.

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Color

Hex(9E9A45)

Conversions

Conversions Part 1

Format	Color
Hex	9E9A45
RGB	158, 154, 69
RGB Percent	62%, 60%, 27%
CMY	0.3804, 0.3961, 0.7294
CMYK	0.00, 0.03, 0.56, 0.38
HSL	57°, 39%, 45%
HSV	57°, 56%, 62%
XYZ	26.7303, 30.8100, 10.1683
YIQ	145.5060, 29.6690, -25.5870

Conversions

Conversions Part 2

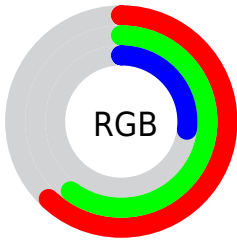
Format	Color
RYB	73, 158, 69
Decimal	10394181
CIELab	62.35, -10.12, 44.34
CIELCh	62, 45.481, 102.851
Yxy	30.8100, 0.3948, 0.4550
Android (android.graphics.Color)	4288584261 (0xFF9E9A45)
YUV	145.5060, -37.7175, 10.9572
Hunter-Lab	55.5067, -11.1767, 27.9933

Details

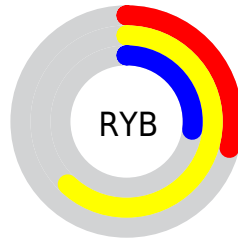
The Hex color **9E9A45** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **45499E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D6D078**, and **686711** is the 20% darker color. If you saturate the color by 10%, you get **9E9935**, and if you desaturate by 10%, it is **9E9B55**.

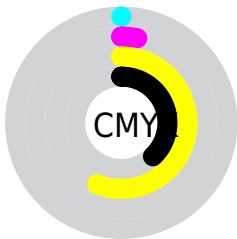
Distribution



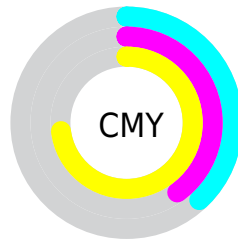
- Red (62%)
- Green (60%)
- Blue (27%)



- Red (29%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (3%)
- Yellow (56%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E9A45 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 9E9A45 by changing the saturation by 10% instead.

 9E9A45

 9E9A45

FFFFFF

 83802C

 D6D078

 686711

 F4EC93

 4E4F00

 FFFFAE

 363900

 FFFFCA

 1D2300

 FFFFEE

 000F00

 000000

 9E9A45

 9E9A45

 9E9935

 9E9B55

 9E9925

 9E9B65

 9E9816

 9E9C74

 9E9706

 9E9D84

 9E9700

 9E9E94

 9E9EA4

 9E9FB4

 9EA0C3

 9EA0D3

Harmonies

Analogous

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



C28C49



9E9A45



71A459

Triad

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



9E9A45



00A9CD



D578B0

Complementary

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



9E9A45



45499E

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.



B085D2



9E9A45



00A1E3

Square

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



9E9A45



00ABA7



7395E5



E37587

Rectangle

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



9E9A45



4CA870



7395E5



CC7CBC

Sweetspot

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



9E9A45



CFCDAB



9E4549



696854



E8E8E8



696969

Same Dimension

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



9E9A45



CFC842



769E45



4F4F47



8F8800



0F0F00

Inverse Universe

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



45499E



4248CF



6D459E



47484F



00068F



00010F

Previews

White Background



This preview shows how the Hex color 9E9A45 looks on a white background.

Color Contrast Check

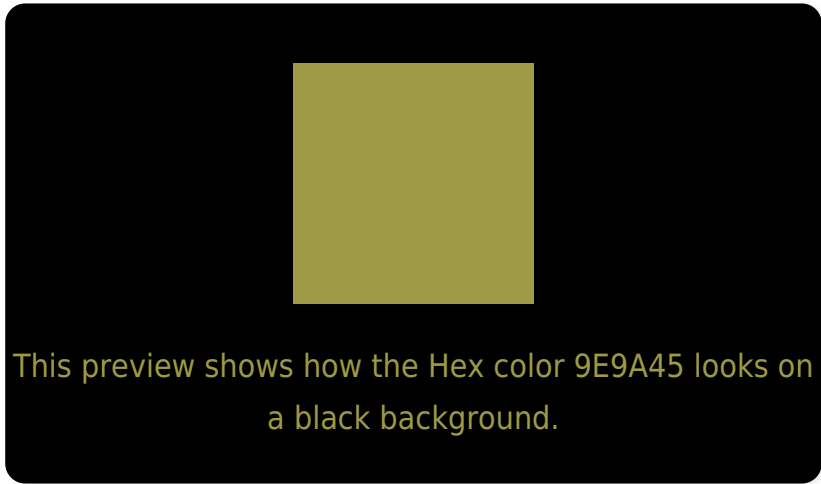
Large Text (above 18pt) WCAG AA × Fail

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 9E9A45 Background



This preview shows how black text looks on a background with the Hex color 9E9A45.



This preview shows how white text looks on a background with the Hex color 9E9A45.

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
9E9A45

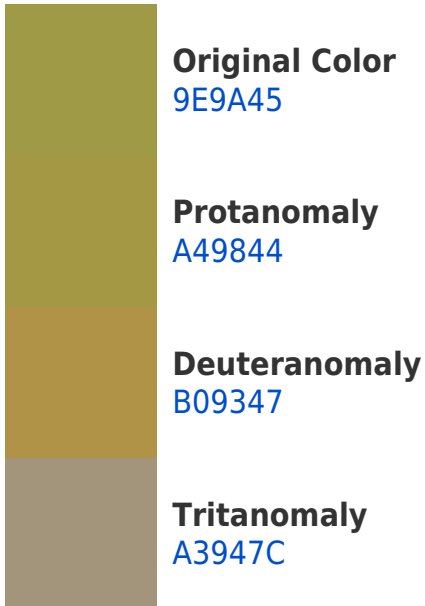
Protanopia
A79744

Deuteranopia
BA8F48

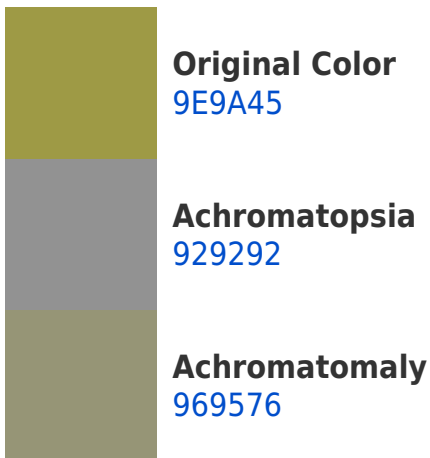


Tritanopia
A6919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E9A45 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 #9E9A45 looks like.

```
.text, #text, p{  
    color:#9E9A45  
}
```

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 #9E9A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9A45
}
```

Border

The CSS property to change the border of an element to Hex 9E9A45 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
#9E9A45 }
```

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

```
.border{ border-color:#9E9A45 }
```

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

Here you see how a box with a 4 pixel #9E9A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9A45; -webkit-box-shadow:4px 4px  
4px 4px #9E9A45; box-shadow:4px 4px 4px  
4px #9E9A45 }
```

Background

The CSS property to change the background color of an element to Hex 9E9A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9A45 }
```

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

```
.background{ background-color:#9E9A45 }
```

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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