

Converting Colors

Hex(9E9545)

Have a look what the booklet for
Hex(9E9545) contains.

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Color

Hex(9E9545)

Conversions

Conversions Part 1

Format	Color
Hex	9E9545
RGB	158, 149, 69
RGB Percent	62%, 58%, 27%
CMY	0.3804, 0.4157, 0.7294
CMYK	0.00, 0.06, 0.56, 0.38
HSL	54°, 39%, 45%
HSV	54°, 56%, 62%
XYZ	25.9222, 29.1937, 9.8989
YIQ	142.5710, 31.0440, -22.9720

Conversions

Conversions Part 2

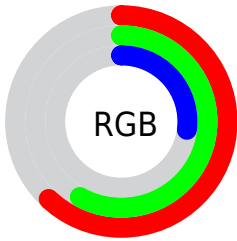
Format	Color
R_{YB}	79, 158, 69
Decimal	10392901
CIE _{Lab}	60.95, -7.44, 42.75
CIE _{LCh}	61, 43.388, 99.873
Yxy	29.1937, 0.3987, 0.4490
Android (android.graphics.Color)	4288582981 (0xFF9E9545)
YUV	142.5710, -36.2705, 13.5312
Hunter-Lab	54.0312, -8.9168, 26.9594

Details

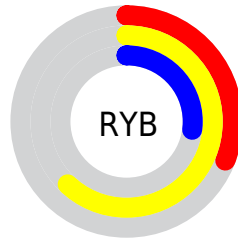
The Hex color **9E9545** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **454E9E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D6CB78**, and **686312** is the 20% darker color. If you saturate the color by 10%, you get **9E9335**, and if you desaturate by 10%, it is **9E9755**.

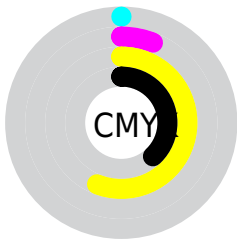
Distribution



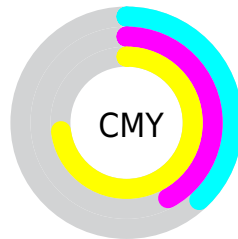
- Red (62%)
- Green (58%)
- Blue (27%)



- Red (31%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (6%)
- Yellow (56%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E9545 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 9E9545 by changing the saturation by 10% instead.



9E9545



9E9545

FFFFFF



837B2C



D6CB78



686312



F4E792



4E4B00



FFFFAD



363400



FFFFC9



1D1F00



FFFFE6



000700



000000



9E9545



9E9545



9E9335



9E9755

 9E9225

 9E9865

 9E9016

 9E9A74

 9E8F06

 9E9B84

 9E8E00

 9E9D94

 9E9FA4

 9EA0B4

 9EA2C3

 9EA3D3

Harmonies

Analogous

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



C0884B



9E9545



749F56

Triad

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



9E9545



00A5C3



CC77AE

Complementary

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



9E9545



454E9E

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.



A784CE



9E9545



009EDA

Square

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



9E9545



00A79F



6B93DE



DB7388

Rectangle

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



9E9545



53A36B



6B93DE



C27BBA

Sweetspot

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



9E9545



CFCBAB



9E454F



696654



E8E8E8



696969

Same Dimension

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



9E9545



CFC042



7C9E45



4F4E47



8F8000



0F0E00

Inverse Universe

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



454E9E



4250CF



67459E



47484F



000E8F



00020F

Previews

White Background



This preview shows how the Hex color 9E9545 looks on a white background.

Color Contrast Check

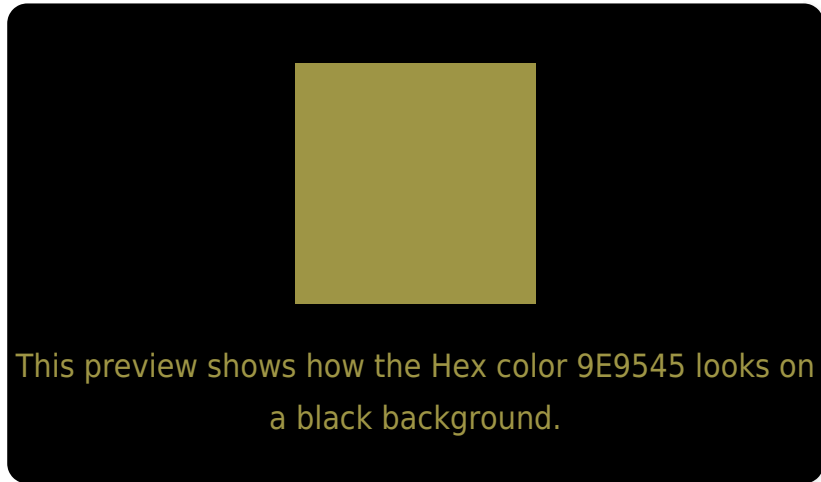
Large Text (above 18pt) WCAG AA ✓ Pass

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

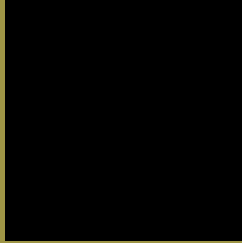
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9E9545 Background



This preview shows how black text looks on a background with the Hex color 9E9545.



This preview shows how white text looks on a background with the Hex color 9E9545.

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
9E9545

Protanopia
A39344

Deuteranopia
B58C47



Tritanopia
A68C97

Trichromacy



Original Color
9E9545

Protanomaly
A19444

Deuteranomaly
AD8F46

Tritanomaly
A38F79

Monochromacy



Original Color
9E9545

Achromatopsia
8F8F8F

Achromatomaly
949174

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E9545 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 #9E9545 looks like.

```
.text, #text, p{  
    color:#9E9545  
}
```

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 #9E9545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9545
}
```

Border

The CSS property to change the border of an element to Hex 9E9545 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
#9E9545 }
```

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

```
.border{ border-color:#9E9545 }
```

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

Here you see how a box with a 4 pixel #9E9545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9545; -webkit-box-shadow:4px 4px  
4px 4px #9E9545; box-shadow:4px 4px 4px  
4px #9E9545 }
```

Background

The CSS property to change the background color of an element to Hex 9E9545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9545 }
```

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

```
.background{ background-color:#9E9545 }
```

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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