

Converting Colors

Hex(9CA45E)

Have a look what the booklet for
Hex(9CA45E) contains.

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Color

Hex(9CA45E)

Conversions

Conversions Part 1

Format	Color
Hex	9CA45E
RGB	156, 164, 94
RGB Percent	61%, 64%, 37%
CMY	0.3882, 0.3569, 0.6314
CMYK	0.05, 0.00, 0.43, 0.36
HSL	67°, 28%, 51%
HSV	67°, 43%, 64%
XYZ	29.0061, 34.4270, 15.7060
YIQ	153.6280, 17.7020, -23.4660

Conversions

Conversions Part 2

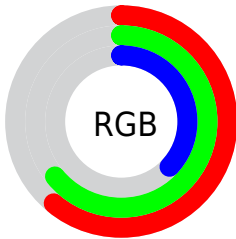
Format	Color
RYB	94, 164, 102
Decimal	10265694
CIELab	65.30, -13.80, 35.28
CIELCh	65, 37.886, 111.362
Yxy	34.4270, 0.3665, 0.4350
Android (android.graphics.Color)	4288455774 (0xFF9CA45E)
YUV	153.6280, -29.3966, 2.0802
Hunter-Lab	58.6745, -14.4377, 25.2014

Details

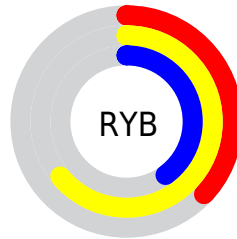
The Hex color **9CA45E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **665EA4**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D4DB92**, and **67702D** is the 20% darker color. If you saturate the color by 10%, you get **9AA44E**, and if you desaturate by 10%, it is **9EA46E**.

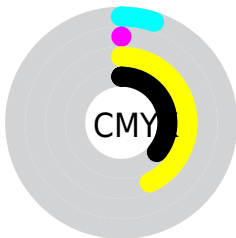
Distribution



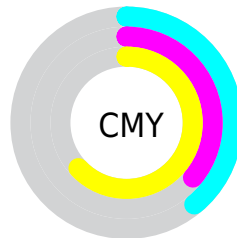
- Red (61%)
- Green (64%)
- Blue (37%)



- Red (37%)
- Yellow (64%)
- Blue (40%)



- Cyan (5%)
- Magenta (0%)
- Yellow (43%)
- Black (36%)



- Cyan (39%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA45E 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 9CA45E by changing the saturation by 10% instead.



9CA45E



9CA45E

FFFFFF



818A45



D4DB92



67702D



F0F7AD



4E5815



FFFFC8



364100



FFFFE4



1F2B00



001800



000000



9CA45E



9CA45E



9AA44E



9EA46E

98A43D

A0A47F

96A42D

A2A48F

95A41C

A3A4A0

93A40C

A5A4B0

91A400

A7A4C0

A9A4D1

ABA4E1

ADA4F2

Harmonies

Analogous

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



BD995B



9CA45E



75AC73

Triad

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



9CA45E



00ADD3



DA85AA

Complementary

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



9CA45E



665EA4

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.



C08DC9



9CA45E



59A5E1

Square

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



9CA45E



00B0B6



9499DE



E08588

Rectangle

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



9CA45E



57AF88



9499DE



D387B5

Sweetspot

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



9CA45E



D3D6BA



A4655E



696B5A



EBEBEB



6B6B6B

Same Dimension

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



9CA45E



CAD669



7AA45E



515249



819100



101200

Inverse Universe

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



665EA4



7569D6



885EA4



4A4952



110091



020012

Previews

White Background



This preview shows how the Hex color 9CA45E looks on a white background.

Color Contrast Check

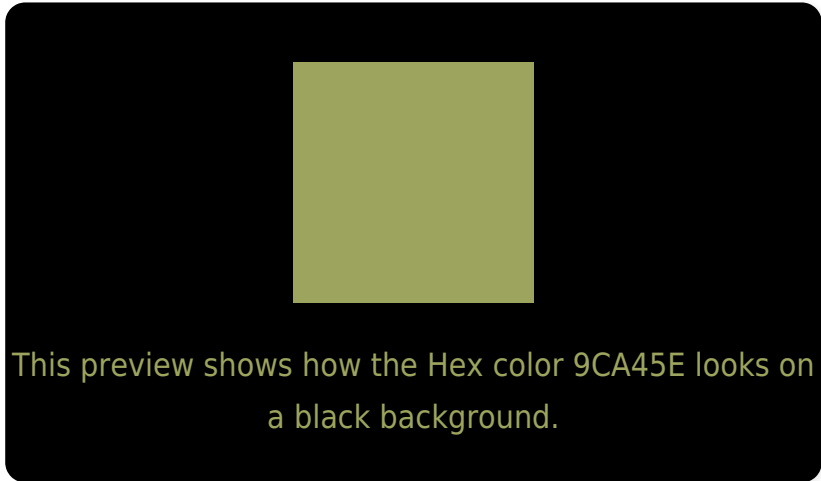
Large Text (above 18pt) WCAG AA × Fail

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

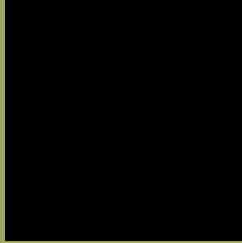
Any Text WCAG AA ✓ Pass

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 9CA45E Background



This preview shows how black text looks on a background with the Hex color 9CA45E.



This preview shows how white text looks on a background with the Hex color 9CA45E.

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
9CA45E

Protanopia
AE9E5C

Deuteranopia
C09761

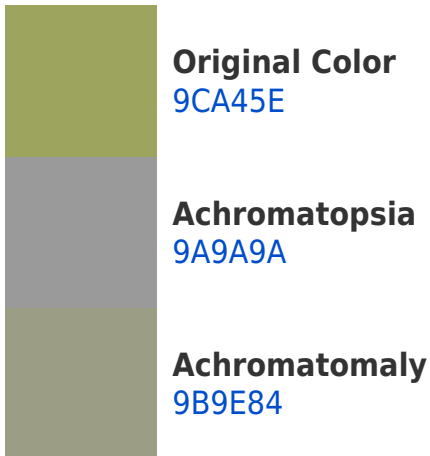


Tritanopia
A59BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA45E 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 #9CA45E looks like.

```
.text, #text, p{  
    color:#9CA45E  
}
```

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 #9CA45E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA45E
}
```

Border

The CSS property to change the border of an element to Hex 9CA45E 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
#9CA45E }
```

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

```
.border{ border-color:#9CA45E }
```

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

Here you see how a box with a 4 pixel #9CA45E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA45E; -webkit-box-shadow:4px 4px  
4px 4px #9CA45E; box-shadow:4px 4px 4px  
4px #9CA45E }
```

Background

The CSS property to change the background color of an element to Hex 9CA45E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA45E }
```

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

```
.background{ background-color:#9CA45E }
```

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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