

Converting Colors

Hex(9CAD65)

Have a look what the booklet for
Hex(9CAD65) contains.

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Color

Hex(9CAD65)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9CAD65 |
| RGB | 156, 173, 101 |
| RGB Percent | 61%, 68%, 40% |
| CMY | 0.3882, 0.3216, 0.6039 |
| CMYK | 0.10, 0.00, 0.42, 0.32 |
| HSL | 74°, 31%, 54% |
| HSV | 74°, 42%, 68% |
| XYZ | 31.0028, 37.8946, 17.9923 |
| YIQ | 159.7090, 12.9800, -25.9960 |

Conversions

Conversions Part 2

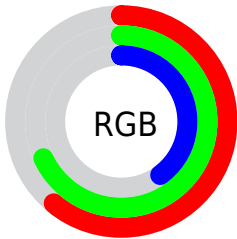
| Format | Color |
|-------------------------------------|---|
| RYB | 101, 173, 118 |
| Decimal | 10268005 |
| CIELab | 67.94, -17.64, 34.98 |
| CIELCh | 68, 39.174, 116.760 |
| Yxy | 37.8946, 0.3568, 0.4361 |
| Android (android.graphics.Color) | 4288458085 (0xFF9CAD65) |
| YUV | 159.7090, -28.9435, -3.2528 |
| Hunter-Lab | 61.5586, -17.8295, 25.7618 |

Details

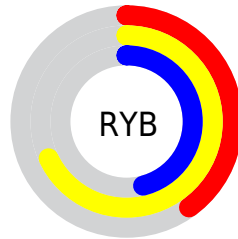
The Hex color **9CAD65** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7665AD**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D3E499**, and **677934** is the 20% darker color. If you saturate the color by 10%, you get **98AD54**, and if you desaturate by 10%, it is **A0AD76**.

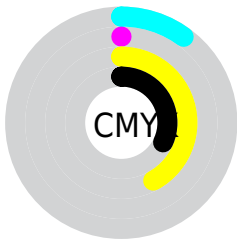
Distribution



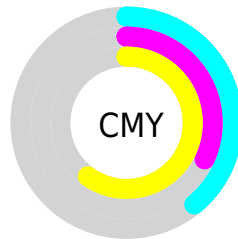
- Red (61%)
- Green (68%)
- Blue (40%)



- Red (40%)
- Yellow (68%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (42%)
- Black (32%)



- Cyan (39%)
- Magenta (32%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CAD65 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 9CAD65 by changing the saturation by 10% instead.

 9CAD65

 9CAD65

FFFFFF

 81924C

 D3E499

 677934

 F0FFB4

 4E601C

 FFFFFD0

 364803

 FFFFEC

 1F3200

 001D00

 000000

 9CAD65

 9CAD65

 98AD54

 A0AD76

94AD42

A4AD88

90AD31

A8AD99

8CAD20

ACADAA

88AD0E

B0ADBC

84AD00

B5ADCD

B9ADDE

BDADEF

C1ADFF

Harmonies

Analogous

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



C0A25E



9CAD65



72B47E

Triad

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



9CAD65



19B3E0



E68AAB

Complementary

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



9CAD65



7665AD

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.



CE91CD



9CAD65



69AAEC

Square

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



9CAD65



00B8C4



A49EE5



E98C88

Rectangle

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



9CAD65



52B794



A49EE5



E08BB7

Sweetspot

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



9CAD65



DAE0C5



AD7665



6C7060



F0F0F0



707070

Same Dimension

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



9CAD65



C6E070



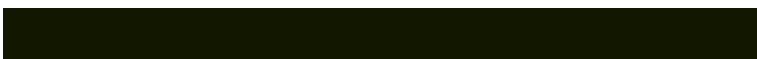
78AD65



55574E



739600



121700

Inverse Universe

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



7665AD



8B70E0



9A65AD



504E57



240096



050017

Previews

White Background



This preview shows how the Hex color 9CAD65 looks on a white background.

Color Contrast Check

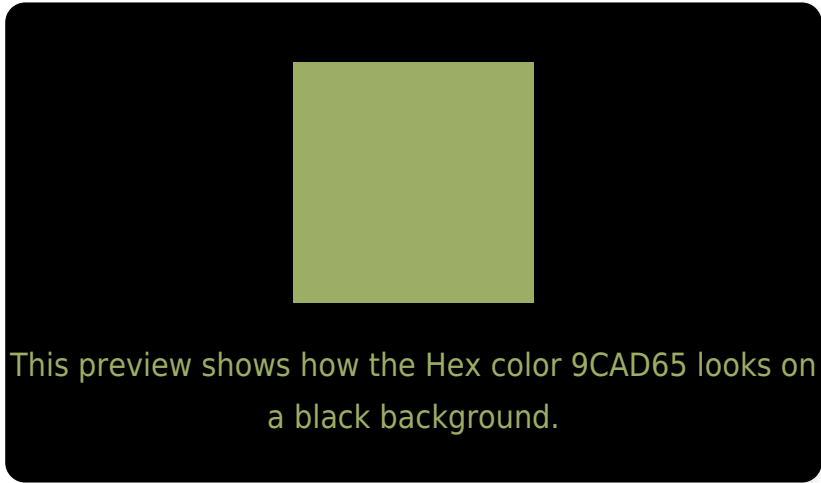
Large Text (above 18pt) WCAG AA × Fail

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

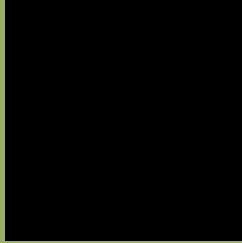
Any Text WCAG AA ✓ Pass

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 9CAD65 Background



This preview shows how black text looks on a background with the Hex color 9CAD65.

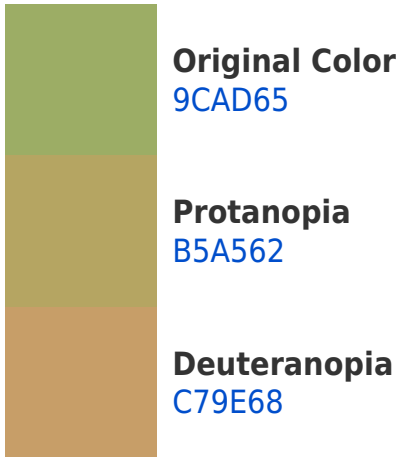


This preview shows how white text looks on a background with the Hex color 9CAD65.

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





Tritanopia
A6A4B1

Trichromacy



Original Color
9CAD65

Protanomaly
ACA863

Deuteranomaly
B7A367

Tritanomaly
A2A795

Monochromacy



Original Color
9CAD65

Achromatopsia
A0A0A0

Achromatomaly
9FA58B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CAD65 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 #9CAD65 looks like.

```
.text, #text, p{  
    color:#9CAD65  
}
```

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 #9CAD65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CAD65
}
```

Border

The CSS property to change the border of an element to Hex 9CAD65 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
#9CAD65 }
```

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

```
.border{ border-color:#9CAD65 }
```

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

Here you see how a box with a 4 pixel #9CAD65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CAD65; -webkit-box-shadow:4px 4px  
4px 4px #9CAD65; box-shadow:4px 4px 4px  
4px #9CAD65 }
```

Background

The CSS property to change the background color of an element to Hex 9CAD65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CAD65 }
```

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

```
.background{ background-color:#9CAD65 }
```

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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