

Converting Colors

Hex(1CA964)

Have a look what the booklet for
Hex(1CA964) contains.

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Color

Hex(1CA964)

Conversions

Conversions Part 1

Format	Color
Hex	1CA964
RGB	28, 169, 100
RGB Percent	11%, 66%, 39%
CMY	0.8902, 0.3373, 0.6078
CMYK	0.83, 0.00, 0.41, 0.34
HSL	151°, 72%, 39%
HSV	151°, 83%, 66%
XYZ	16.9671, 29.5429, 16.8647
YIQ	118.9750, -61.8870, -51.3510

Conversions

Conversions Part 2

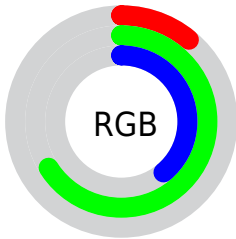
Format	Color
RYB	28, 121, 169
Decimal	1878372
CIELab	61.26, -51.48, 25.80
CIELCh	61, 57.578, 153.384
Yxy	29.5429, 0.2677, 0.4662
Android (android.graphics.Color)	4280068452 (0xFF1CA964)
YUV	118.9750, -9.3547, -79.7851
Hunter-Lab	54.3534, -39.3974, 19.6510

Details

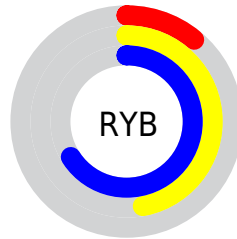
The Hex color **1CA964** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A91C61**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **63E198**, and **007334** is the 20% darker color. If you saturate the color by 10%, you get **0BA95C**, and if you desaturate by 10%, it is **2DA96C**.

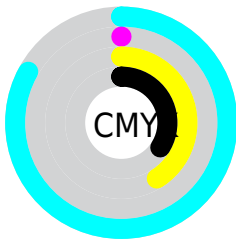
Distribution



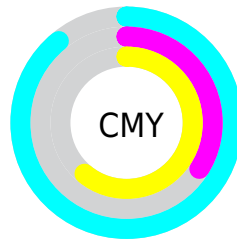
- Red (11%)
- Green (66%)
- Blue (39%)



- Red (11%)
- Yellow (47%)
- Blue (66%)



- Cyan (83%)
- Magenta (0%)
- Yellow (41%)
- Black (34%)



- Cyan (89%)
- Magenta (34%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA964 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 1CA964 by changing the saturation by 10% instead.

 1CA964

 1CA964

FFFFFF

 008E4C

 63E198

 007334

 81FEB2

 005A1D

 9FFFCE

 004106

 BCFEB

 002B00

 DAFFFF

 000900

 F8FFFF

 000000

 1CA964

 1CA964

 0BA95C

 2DA96C

■ 00A956

■ 3EA975

■ 4FA97D

■ 60A985

■ 70A98D

■ 81A996

■ 92A99E

■ A3A9A6

■ B4A9AE

Harmonies

Analogous

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



75A138



1CA964



00AC98

Triad

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



1CA964



1F98FA



EC6D5F

Complementary

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



1CA964



A91C61

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.



EF6490



1CA964



9D84E9

Square

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



1CA964



00A5EE



D66FC2



D28037

Rectangle

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



1CA964



00ACBB



D66FC2



F0686E

Sweetspot

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



1CA964



A4DBC0



62A91C



4D6E5E



EDEDED



6E6E6E

Same Dimension

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



1CA964



00DB70



1CA9A9



4C5450



00944C



00140A

Inverse Universe

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



A91C61



DB006B



A91C1C



544C50



940048



14000A

Previews

White Background



This preview shows how the Hex color 1CA964 looks on a white background.

Color Contrast Check

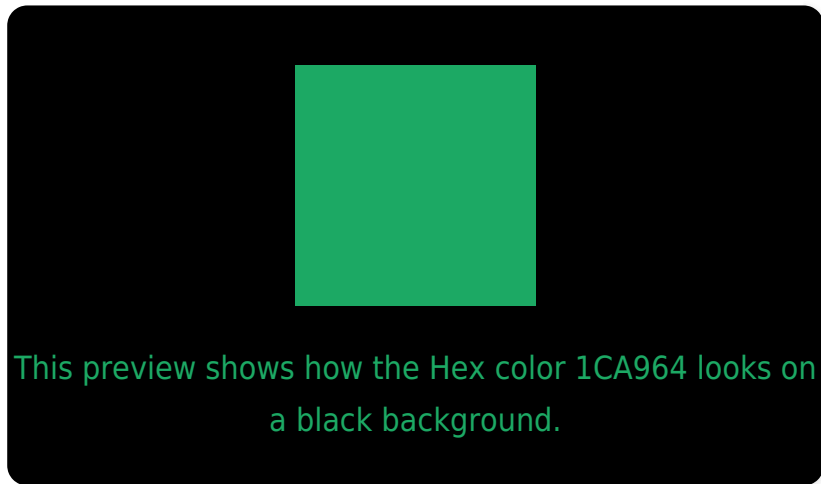
Large Text (above 18pt) WCAG AA ✓ Pass

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 1CA964 Background



This preview shows how black text looks on a background with the Hex color 1CA964.



This preview shows how white text looks on a background with the Hex color 1CA964.

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](#).

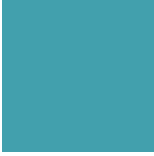
Dichromacy



Original Color
1CA964

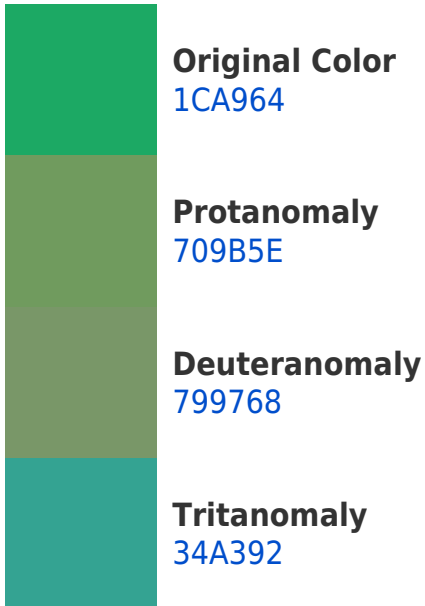
Protanopia
A0935B

Deuteranopia
AE8D6B



Tritanopia
42A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA964 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 #1CA964 looks like.

```
.text, #text, p{  
    color:#1CA964  
}
```

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 #1CA964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA964
}
```

Border

The CSS property to change the border of an element to Hex 1CA964 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
#1CA964 }
```

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

```
.border{ border-color:#1CA964 }
```

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

Here you see how a box with a 4 pixel #1CA964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA964; -webkit-box-shadow:4px 4px  
4px 4px #1CA964; box-shadow:4px 4px 4px  
4px #1CA964 }
```

Background

The CSS property to change the background color of an element to Hex 1CA964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA964 }
```

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

```
.background{ background-color:#1CA964 }
```

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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