

Converting Colors

Hex(1CAF99)

Have a look what the booklet for
Hex(1CAF99) contains.

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Color

Hex(1CAF99)

Conversions

Conversions Part 1

Format	Color
Hex	1CAF99
RGB	28, 175, 153
RGB Percent	11%, 69%, 60%
CMY	0.8902, 0.3137, 0.4000
CMYK	0.84, 0.00, 0.13, 0.31
HSL	171°, 72%, 40%
HSV	171°, 84%, 69%
XYZ	21.5586, 33.2067, 35.4103
YIQ	128.5390, -80.5500, -38.0060

Conversions

Conversions Part 2

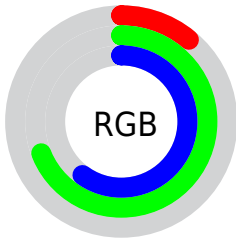
Format	Color
RYB	28, 107, 175
Decimal	1879961
CIELab	64.33, -41.31, 0.96
CIElCh	64, 41.324, 178.670
Yxy	33.2067, 0.2391, 0.3682
Android (android.graphics.Color)	4280070041 (0xFF1CAF99)
YUV	128.5390, 12.0593, -88.1727
Hunter-Lab	57.6253, -34.0642, 3.9045

Details

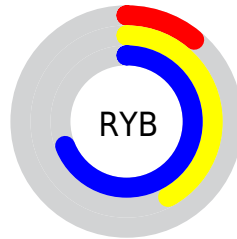
The Hex color **1CAF99** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF1C32**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **67E7CF**, and **007A66** is the 20% darker color. If you saturate the color by 10%, you get **0BAF96**, and if you desaturate by 10%, it is **2EAF9C**.

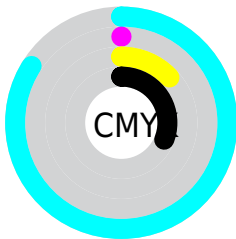
Distribution



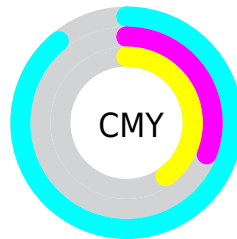
- Red (11%)
- Green (69%)
- Blue (60%)



- Red (11%)
- Yellow (42%)
- Blue (69%)



- Cyan (84%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (89%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CAF99 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 1CAF99 by changing the saturation by 10% instead.

 1CAF99

 1CAF99

FFFFFF

 00947F

 67E7CF

 007A66

 85FFEB

 00604E

 A3FFFF

 004737

 C1FFFF

 003022

 DFFFFF

 00180C

FEFFFF

 000000

 1CAF99

 1CAF99

 0BAF96

 2EAF9C

00AF95

3FAF9E

51AFA1

62AFA3

73AFA6

85AFA9

97AFAB

A8AFAE

BAAFB1

Harmonies

Analogous

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



62AC74



1CAF99



00AEBE

Triad

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



1CAF99



9D93DD



D18C5E

Complementary

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



1CAF99



AF1C32

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.



E1817B



1CAF99



C886C3

Square

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



1CAF99



5DA0E5



DF7E9F



B49951

Rectangle

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



1CAF99



00ACD2



DF7E9F



D88866

Sweetspot

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



1CAF99



AAE3DA



32AF1C



50736E



F2F2F2



737373

Same Dimension

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



1CAF99



00E3C1



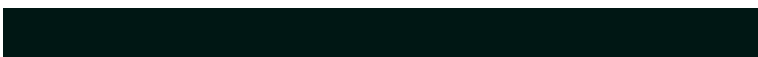
1C7CAF



4E5755



009680



001714

Inverse Universe

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



AF1C32



E30022



AF4F1C



574E4F



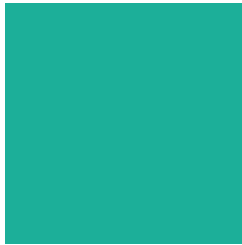
960017



170003

Previews

White Background



This preview shows how the Hex color 1CAF99 looks on a white background.

Color Contrast Check

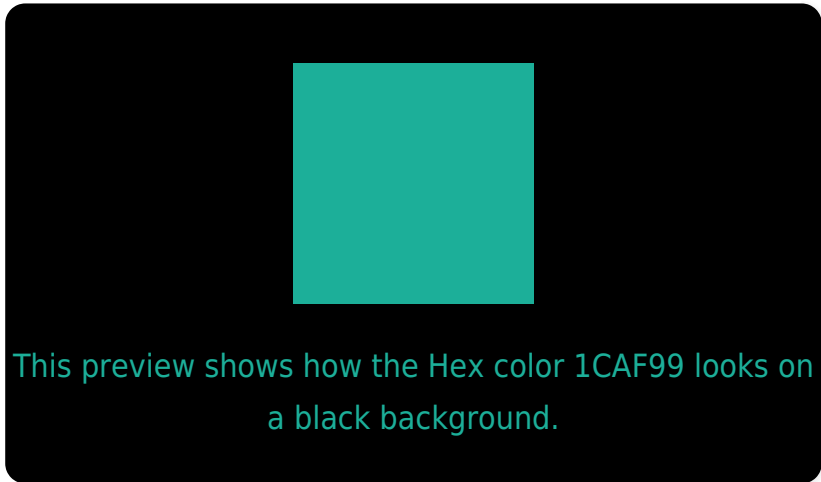
Large Text (above 18pt) WCAG AA × Fail

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

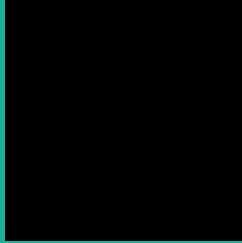
Any Text WCAG AA ✓ Pass

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 1CAF99 Background



This preview shows how black text looks on a background with the Hex color 1CAF99.

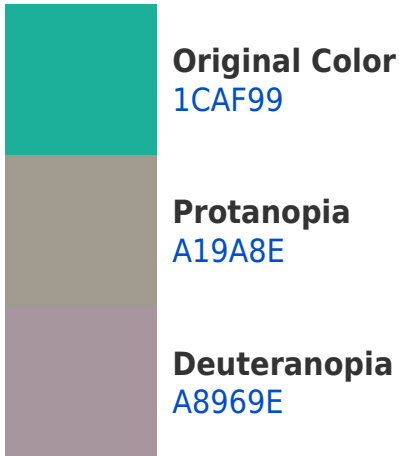


This preview shows how white text looks on a background with the Hex color 1CAF99.

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](#).

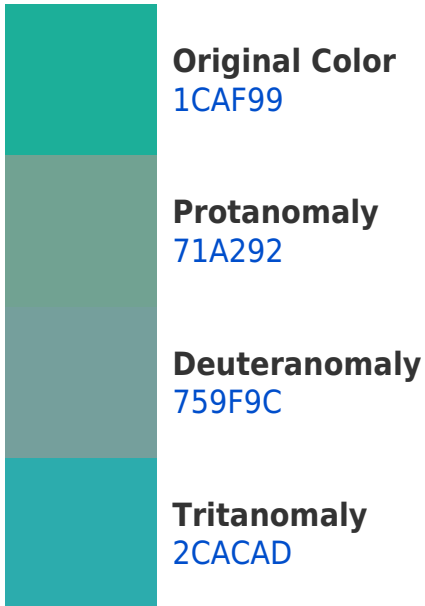
Dichromacy





Tritanopia
35ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1CAF99 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 #1CAF99 looks like.

```
.text, #text, p{  
    color:#1CAF99  
}
```

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 #1CAF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CAF99
}
```

Border

The CSS property to change the border of an element to Hex 1CAF99 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
#1CAF99 }
```

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

```
.border{ border-color:#1CAF99 }
```

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

Here you see how a box with a 4 pixel #1CAF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CAF99; -webkit-box-shadow:4px 4px  
4px 4px #1CAF99; box-shadow:4px 4px 4px  
4px #1CAF99 }
```

Background

The CSS property to change the background color of an element to Hex 1CAF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CAF99 }
```

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

```
.background{ background-color:#1CAF99 }
```

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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