

Converting Colors

Hex(17CA49)

Have a look what the booklet for
Hex(17CA49) contains.

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Color

Hex(17CA49)

Conversions

Conversions Part 1

Format	Color
Hex	17CA49
RGB	23, 202, 73
RGB Percent	9%, 79%, 29%
CMY	0.9098, 0.2078, 0.7137
CMYK	0.89, 0.00, 0.64, 0.21
HSL	137°, 80%, 44%
HSV	137°, 89%, 79%
XYZ	22.6765, 42.9043, 13.3895
YIQ	133.7730, -65.2750, -78.0670

Conversions

Conversions Part 2

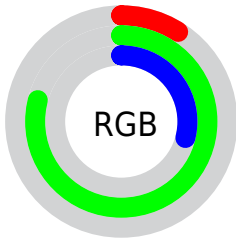
Format	Color
RYB	23, 163, 202
Decimal	1559113
CIELab	71.49, -67.00, 51.39
CIELCh	71, 84.440, 142.513
Yxy	42.9043, 0.2872, 0.5433
Android (android.graphics.Color)	4279749193 (0xFF17CA49)
YUV	133.7730, -29.9611, -97.1479
Hunter-Lab	65.5013, -52.8309, 33.7311

Details

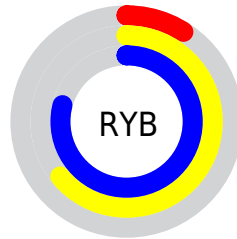
The Hex color **17CA49** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **CA1798**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6BFF7E**, and **00920D** is the 20% darker color. If you saturate the color by 10%, you get **03CA3A**, and if you desaturate by 10%, it is **2BCA58**.

Distribution



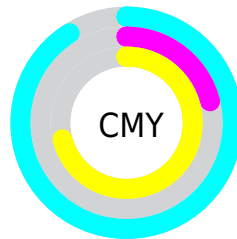
- Red (9%)
- Green (79%)
- Blue (29%)



- Red (9%)
- Yellow (64%)
- Blue (79%)



- Cyan (89%)
- Magenta (0%)
- Yellow (64%)
- Black (21%)



- Cyan (91%)
- Magenta (21%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17CA49 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 17CA49 by changing the saturation by 10% instead.

 17CA49

 17CA49

FFFFFF

 00AE2E

 6BFF7E

 00920D

 8BFF9A

 007700

 AAFFB5

 005D00

 C9FFD2

 004400

 E8FFE8

 002C00

 000A00

 000000

 17CA49

 17CA49

 03CA3A

 2BCA58

 00CA38

 3FCA66

 54CA75

 68CA83

 7CCA92

 90CAA0

 A4CAAF

 B9CABD

 CDCACC

Harmonies

Analogous

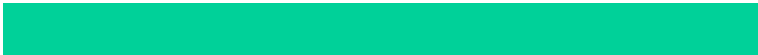
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ABC00



17CA49



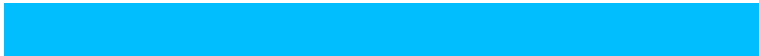
00D199

Triad

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



17CA49



00BEFF



FF6179

Complementary

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



17CA49



CA1798

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.



FF5CC6



17CA49



81A3FF

Square

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



17CA49



00CDFE



F87DFE



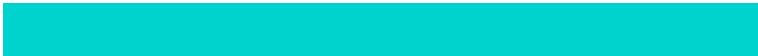
FF8331

Rectangle

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



17CA49



00D2CE



F87DFF



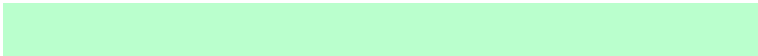
FF5A92

Sweetspot

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



17CA49



BAFFCD



9ACA17



578062



000000



808080

Same Dimension

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



17CA49



00FF47



17CAA0



5C665F



00A62E



00260B

Inverse Universe

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



CA1798



FF00B8



CA1741



665C63



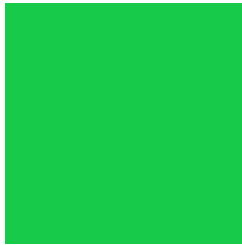
A60077



26001C

Previews

White Background



This preview shows how the Hex color 17CA49 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



This preview shows how the Hex color 17CA49 looks on a 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 17CA49 Background



This preview shows how black text looks on a background with the Hex color 17CA49.

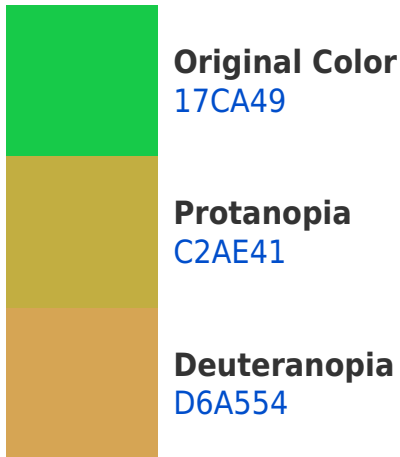


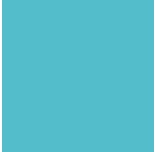
This preview shows how white text looks on a background with the Hex color 17CA49.

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





Trichromacy



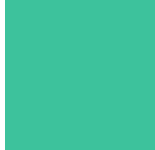
Original Color
17CA49



Protanomaly
84B844



Deuteranomaly
91B250



Tritanomaly
3DC29C

Monochromacy



Original Color
17CA49



Achromatopsia
868686



Achromatomaly
5E9F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 17CA49 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 #17CA49 looks like.

```
.text, #text, p{  
    color:#17CA49  
}
```

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 #17CA49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17CA49
}
```

Border

The CSS property to change the border of an element to Hex 17CA49 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
#17CA49 }
```

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

```
.border{ border-color:#17CA49 }
```

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

Here you see how a box with a 4 pixel #17CA49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17CA49; -webkit-box-shadow:4px 4px  
4px 4px #17CA49; box-shadow:4px 4px 4px  
4px #17CA49 }
```

Background

The CSS property to change the background color of an element to Hex 17CA49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17CA49 }
```

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

```
.background{ background-color:#17CA49 }
```

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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