

Converting Colors

Hex(17C800)

Have a look what the booklet for
Hex(17C800) contains.

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Color

Hex(17C800)

Conversions

Conversions Part 1

Format	Color
Hex	17C800
RGB	23, 200, 0
RGB Percent	9%, 78%, 0%
CMY	0.9098, 0.2157, 1.0000
CMYK	0.89, 0.00, 1.00, 0.22
HSL	113°, 100%, 39%
HSV	113°, 100%, 78%
XYZ	21.0076, 41.4907, 6.9013
YIQ	124.2770, -41.2920, -99.7240

Conversions

Conversions Part 2

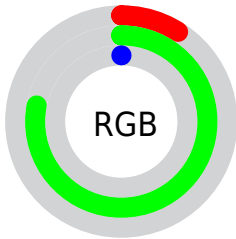
Format	Color
RYB	0, 200, 177
Decimal	1558528
CIELab	70.52, -70.62, 69.43
CIELCh	71, 99.029, 135.486
Yxy	41.4907, 0.3027, 0.5979
Android (android.graphics.Color)	4279748608 (0xFF17C800)
YUV	124.2770, -61.2686, -88.8199
Hunter-Lab	64.4133, -54.5076, 38.7369

Details

The Hex color **17C800** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **B100C8**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6DFF51**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **17C800**, and if you desaturate by 10%, it is **29C814**.

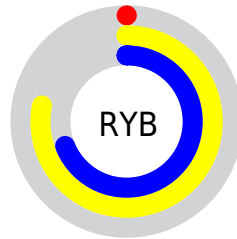
Distribution



Red (9%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (69%)

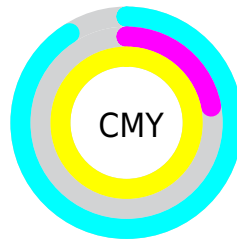


Cyan (89%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (91%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17C800 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 17C800 by changing the saturation by 10% instead.

 17C800

 17C800

FFFFFF

 00AC00

 6DFF51

 009000

 8EFF6D

 007500

 ADFE8A

 005B00

 CCFFA6

 004200

 EBFFC3

 002900

 FFFFE1

 000400

FFFFFFE

 000000

 17C800

 29C814

 3AC828

 4CC83C

 5EC850

 70C864

 81C878

 93C88C

 A5C8A0

 B6C8B4

Harmonies

Analogous

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



A5B700



17C800



00D07C

Triad

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



17C800



00C4FF



FF3282

Complementary

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



17C800



B100C8

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.



FF3FDC



17C800



00A8FF

Square

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



17C800



00D0FF



E87AFF



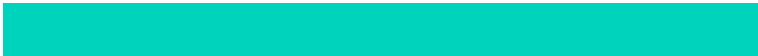
FF6A29

Rectangle

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



17C800



00D3BB



E87AFF



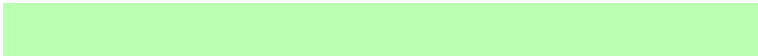
FF28A0

Sweetspot

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



17C800



BBFFB3



C8B100



578052



000000



808080

Same Dimension

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



17C800



1DFF00



00C84D



5B635A



13A300



042400

Inverse Universe

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



B100C8



E200FF



C8007B



625A63



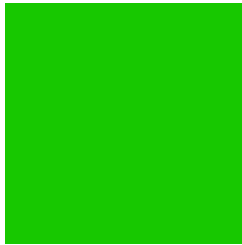
9000A3



200024

Previews

White Background



This preview shows how the Hex color 17C800 looks on a white background.

Color Contrast Check

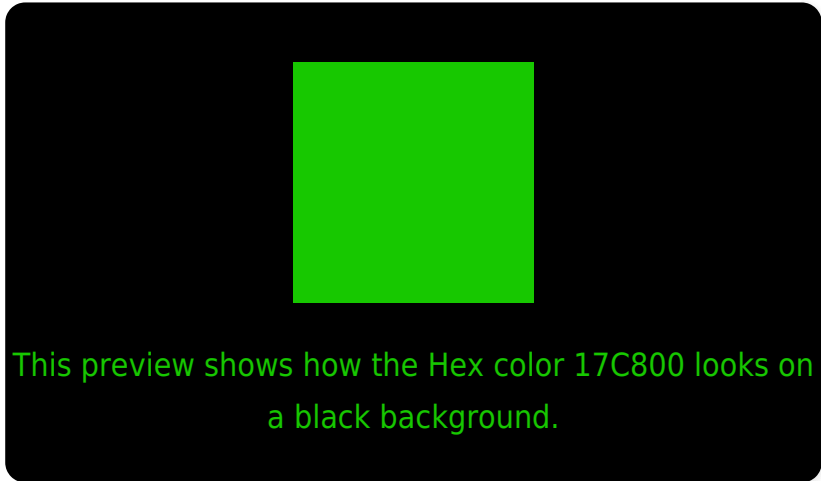
Large Text (above 18pt) WCAG AA × Fail

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 17C800 Background



This preview shows how black text looks on a background with the Hex color 17C800.

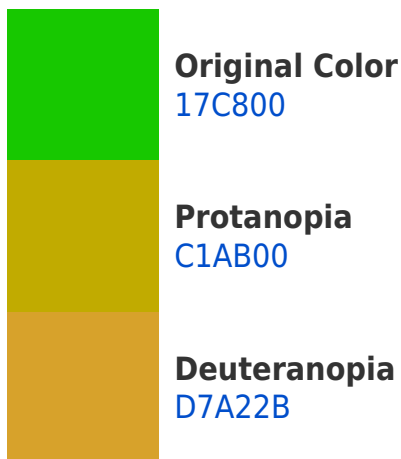


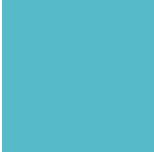
This preview shows how white text looks on a background with the Hex color 17C800.

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](#).

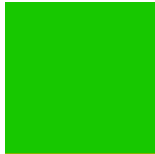
Dichromacy





Tritanopia
56BAC9

Trichromacy



Original Color
17C800



Protanomaly
83B600



Deuteranomaly
91B01B



Tritanomaly
3FBF80

Monochromacy



Original Color
17C800



Achromatopsia
7C7C7C



Achromatomaly
57984F

CSS Examples

Text

The CSS property to change the color of the text to Hex 17C800 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 #17C800 looks like.

```
.text, #text, p{  
    color:#17C800  
}
```

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 #17C800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17C800
}
```

Border

The CSS property to change the border of an element to Hex 17C800 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
#17C800 }
```

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

```
.border{ border-color:#17C800 }
```

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

Here you see how a box with a 4 pixel #17C800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17C800; -webkit-box-shadow:4px 4px  
4px 4px #17C800; box-shadow:4px 4px 4px  
4px #17C800 }
```

Background

The CSS property to change the background color of an element to Hex 17C800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17C800 }
```

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

```
.background{ background-color:#17C800 }
```

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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