

Converting Colors

Hex(17E500)

Have a look what the booklet for
Hex(17E500) contains.

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Color

Hex(17E500)

Conversions

Conversions Part 1

Format	Color
Hex	17E500
RGB	23, 229, 0
RGB Percent	9%, 90%, 0%
CMY	0.9098, 0.1020, 1.0000
CMYK	0.90, 0.00, 1.00, 0.10
HSL	114°, 100%, 45%
HSV	114°, 100%, 90%
XYZ	28.3727, 56.2208, 9.3563
YIQ	141.3000, -49.2670, -114.8910

Conversions

Conversions Part 2

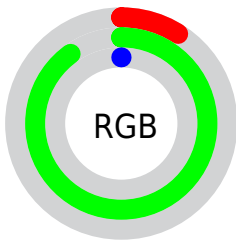
Format	Color
RYB	0, 229, 206
Decimal	1565952
CIELab	79.74, -78.51, 76.81
CIELCh	80, 109.834, 135.625
Yxy	56.2208, 0.3020, 0.5984
Android (android.graphics.Color)	4279756032 (0xFF17E500)
YUV	141.3000, -69.6609, -103.7491
Hunter-Lab	74.9805, -63.6714, 45.0880

Details

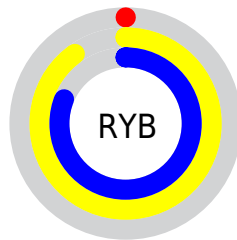
The Hex color **17E500** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **CE00E5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **75FF57**, and **00AC00** is the 20% darker color. If you saturate the color by 10%, you get **17E500**, and if you desaturate by 10%, it is **2CE517**.

Distribution



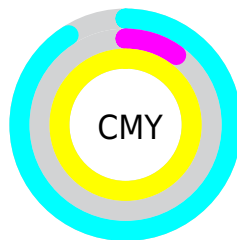
- Red (9%)
- Green (90%)
- Blue (0%)



- Red (0%)
- Yellow (90%)
- Blue (81%)



- Cyan (90%)
- Magenta (0%)
- Yellow (100%)
- Black (10%)



- Cyan (91%)
- Magenta (10%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17E500 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 17E500 by changing the saturation by 10% instead.

 17E500

 17E500

FFFFFF

 00C800

 75FF57

 00AC00

 97FF75

 009000

 B8FF92

 007500

 D8FFAF

 005A00

 F8FFCD

 004100

 FFFFEA

 002700

 000000

 17E500

 2CE517

 40E52E

 55E545

 69E55C

 7EE573

 93E589

 A7E5A0

 BCE5B7

 D0E5CE

Harmonies

Analogous

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



BDD200



17E500



00EE8F

Triad

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



17E500



00E0FF



FF3A95

Complementary

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



17E500



CE00E5

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.



FF48FB



17E500



00C0FF

Square

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



17E500



00EEFF



FF8CFF



FF7A2F

Rectangle

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



17E500



00F1D7



FF8CFF



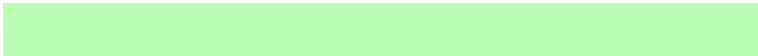
FF2EB7

Sweetspot

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



17E500



BAFFB3



E5CA00



568052



000000



808080

Same Dimension

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



17E500



1AFF00



00E558



687367



12B300



053300

Inverse Universe

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



CE00E5



E500FF



E5008D



726773



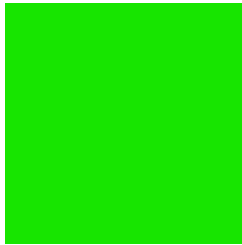
A100B3



2E0033

Previews

White Background



This preview shows how the Hex color 17E500 looks on a white background.

Color Contrast Check

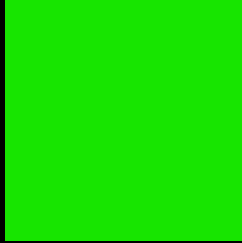
Large Text (above 18pt) WCAG AA × Fail

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 17E500 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 17E500 Background



This preview shows how black text looks on a background with the Hex color 17E500.



This preview shows how white text looks on a background with the Hex color 17E500.

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](#).

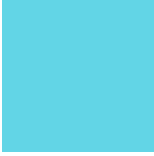
Dichromacy



Original Color
17E500

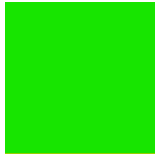
Protanopia
DDC400

Deuteranopia
F6BA32



Tritanopia
62D5E6

Trichromacy



Original Color
17E500



Protanomaly
95D000

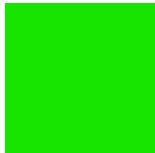


Deuteranomaly
A5CA20



Tritanomaly
47DB92

Monochromacy



Original Color
17E500



Achromatopsia
8D8D8D



Achromatomaly
62AD5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 17E500 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 #17E500 looks like.

```
.text, #text, p{  
    color:#17E500  
}
```

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 #17E500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17E500
}
```

Border

The CSS property to change the border of an element to Hex 17E500 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".

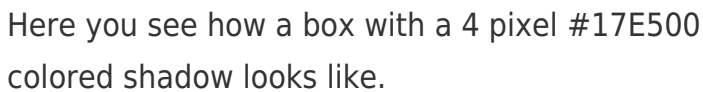
```
.border, #border, table{ border:4px solid
#17E500 }
```

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

```
.border{ border-color:#17E500 }
```

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

Here you see how a box with a 4 pixel #17E500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17E500; -webkit-box-shadow:4px 4px  
4px 4px #17E500; box-shadow:4px 4px 4px  
4px #17E500 }
```

Background

The CSS property to change the background color of an element to Hex 17E500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17E500 }
```

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

```
.background{ background-color:#17E500 }
```

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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