

Converting Colors

Hex(17F400)

Have a look what the booklet for
Hex(17F400) contains.

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Color

Hex(17F400)

Conversions

Conversions Part 1

Format	Color
Hex	17F400
RGB	23, 244, 0
RGB Percent	9%, 96%, 0%
CMY	0.9098, 0.0431, 1.0000
CMYK	0.91, 0.00, 1.00, 0.04
HSL	114°, 100%, 48%
HSV	114°, 100%, 96%
XYZ	32.7040, 64.8835, 10.8001
YIQ	150.1050, -53.3920, -122.7360

Conversions

Conversions Part 2

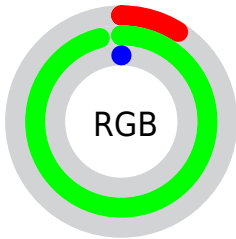
Format	Color
RYB	0, 244, 221
Decimal	1569792
CIELab	84.42, -82.49, 80.56
CIELCh	84, 115.307, 135.678
Yxy	64.8835, 0.3017, 0.5986
Android (android.graphics.Color)	4279759872 (0xFF17F400)
YUV	150.1050, -74.0018, -111.4711
Hunter-Lab	80.5503, -68.4907, 48.4357

Details

The Hex color **17F400** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **DD00F4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **79FF5A**, and **00BA00** is the 20% darker color. If you saturate the color by 10%, you get **17F400**, and if you desaturate by 10%, it is **2DF418**.

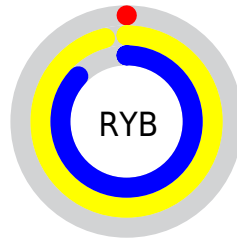
Distribution



Red (9%)

Green (96%)

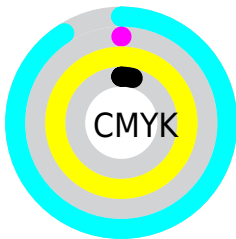
Blue (0%)



Red (0%)

Yellow (96%)

Blue (87%)

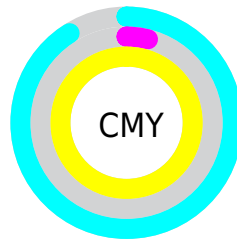


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (91%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17F400 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 17F400 by changing the saturation by 10% instead.

 17F400

 17F400

FFFFFF

 00D700

 79FF5A

 00BA00

 9CFF78

 009E00

 BDFF96

 008200

 DDFFB4

 006700

 FEFFD1

 004D00

 FFFFEF

 003400

 001800

 000000

 17F400

 2DF418

 43F431

 59F449

 6FF462

 85F47A

 9CF492

 B2F4AB

 C8F4C3

 DEF4DC

Harmonies

Analogous

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



C9DF00



17F400



00FE99

Triad

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



17F400



00EFFF



FF3E9F

Complementary

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



17F400



DD00F4

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.



FF4DFF



17F400



00CDFF

Square

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



17F400



00FEFF



FF95FF



FF8232

Rectangle

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



17F400



00FFE5



FF95FF



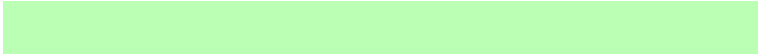
FF31C3

Sweetspot

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



17F400



BAFFB3



F4DC00



568052



000000



808080

Same Dimension

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



17F400



18FF00



00F462



6F7A6E



12BA00



063B00

Inverse Universe

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



DD00F4



E700FF



F40092



796E7A



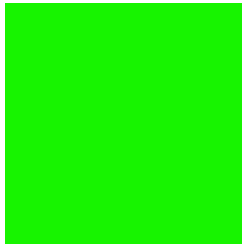
A900BA



35003B

Previews

White Background



This preview shows how the Hex color 17F400 looks on a white background.

Color Contrast Check

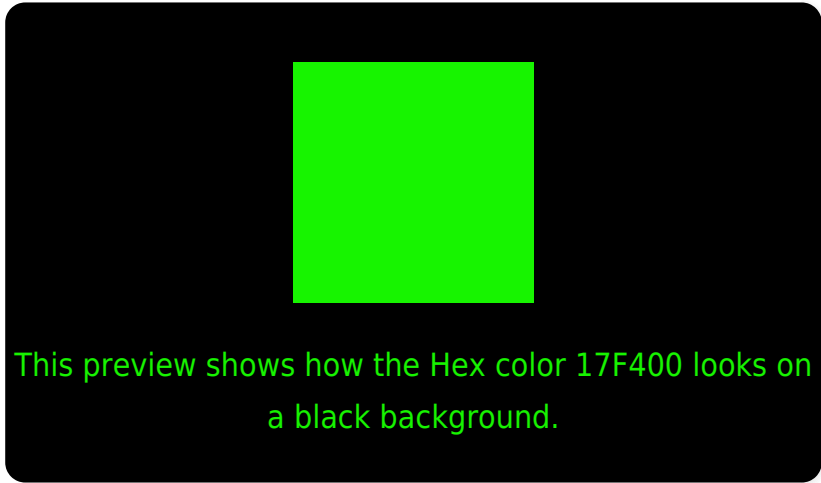
Large Text (above 18pt) WCAG AA × Fail

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 17F400 Background



This preview shows how black text looks on a background with the Hex color 17F400.



This preview shows how white text looks on a background with the Hex color 17F400.

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](#).

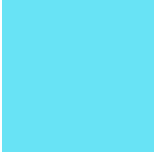
Dichromacy



Original Color
17F400

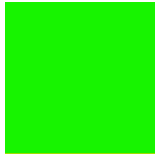
Protanopia
EBD100

Deuteranopia
FFC762



Tritanopia
68E3F5

Trichromacy



Original Color

17F400



Protanomaly

9EDE00



Deuteranomaly

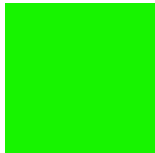
ABD73E



Tritanomaly

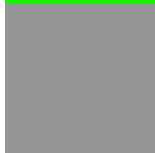
4BE99C

Monochromacy



Original Color

17F400



Achromatopsia

969696



Achromatomaly

68B85F

CSS Examples

Text

The CSS property to change the color of the text to Hex 17F400 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 #17F400 looks like.

```
.text, #text, p{  
    color:#17F400  
}
```

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 #17F400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17F400
}
```

Border

The CSS property to change the border of an element to Hex 17F400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

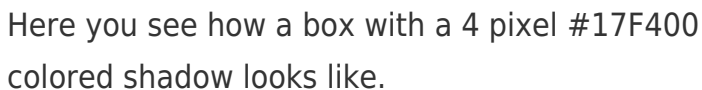
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17F400 }
```

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

```
.border{ border-color:#17F400 }
```

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



Here you see how a box with a 4 pixel #17F400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17F400; -webkit-box-shadow:4px 4px  
4px 4px #17F400; box-shadow:4px 4px 4px  
4px #17F400 }
```

Background

The CSS property to change the background color of an element to Hex 17F400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17F400 }
```

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

```
.background{ background-color:#17F400 }
```

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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