

# Converting Colors

Hex(17FF65)

Have a look what the booklet for  
Hex(17FF65) contains.

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# Color

Hex(17FF65)

# Conversions

## Conversions Part 1

Format	Color
Hex	17FF65
RGB	23, 255, 101
RGB Percent	9%, 100%, 40%
CMY	0.9098, 0.0000, 0.6039
CMYK	0.91, 0.00, 0.60, 0.00
HSL	140°, 100%, 55%
HSV	140°, 91%, 100%
XYZ	38.4623, 72.6417, 24.3060
YIQ	168.0760, -88.8380, -97.0780

# Conversions

## Conversions Part 2

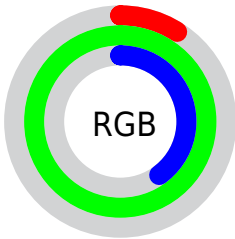
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 197, 255
Decimal	1572709
CIE <sub>Lab</sub>	88.28, -79.64, 58.46
CIE <sub>LCh</sub>	88, 98.793, 143.717
Yxy	72.6417, 0.2840, 0.5365
Android (android.graphics.Color)	4279762789 (0xFF17FF65)
YUV	168.0760, -33.0685, -127.2317
Hunter-Lab	85.2301, -68.5999, 42.7527

# Details

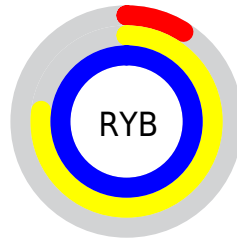
The Hex color **17FF65** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF17B1**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **79FF9C**, and **00C42C** is the 20% darker color. If you saturate the color by 10%, you get **00FF56**, and if you desaturate by 10%, it is **31FF76**.

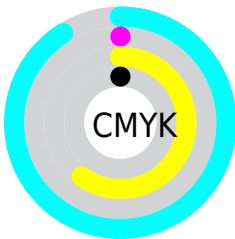
# Distribution



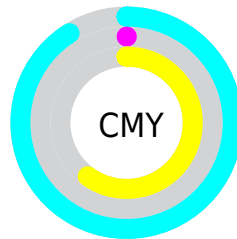
- Red (9%)
- Green (100%)
- Blue (40%)



- Red (9%)
- Yellow (77%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17FF65 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 17FF65 by changing the saturation by 10% instead.



 17FF65

 17FF65

FFFFFF

 00E149

 79FF9C

 00C42C

 9BFFB8

 00A803

 BCFFD5

 008C00

 DCFFF2

 007100

 FDFFFF

 005600

 003E00

 002300

 000000

 17FF65

 17FF65

 00FF56

 31FF76

 4AFF87

 63FF98

 7DFFA9

 96FFBA

 B0FFCB

 CAFFDB

 E3FFEC

 FCFFFD

# Harmonies

## Analogous

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



C0EF00



17FF65



00FFC6

# Triad

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



17FF65



00EFFF



FF8198

# Complementary

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



17FF65



FF17B1

# Split Complementary

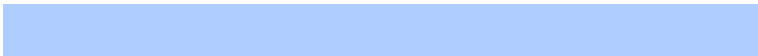
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF79F6



17FF65



AFCDFE

# Square

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



17FF65



00FFFF



FF9FFF



FFAA40

# Rectangle

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



17FF65



00FFFF



FF9FFF



FF78B6

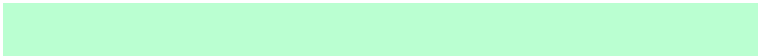


# Sweetspot

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



17FF65



BAFFD1



B2FF17



578064



000000



808080



# Same Dimension

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



17FF65



00FF56



17FFD8



738077



00BF40



004015



# Inverse Universe

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



FF17B1



FF00A9



FF173E



80737B



BF007F

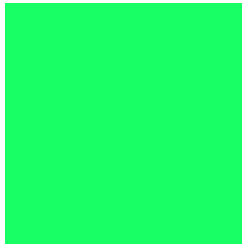


40002A



# Previews

## White Background



This preview shows how the Hex color 17FF65 looks on a white background.

## Color Contrast Check

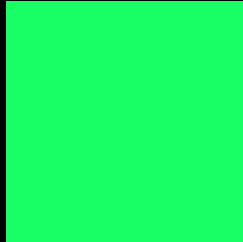
Large Text (above 18pt) WCAG AA × Fail

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 17FF65 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 17FF65 Background



This preview shows how black text looks on a background with the Hex color 17FF65.

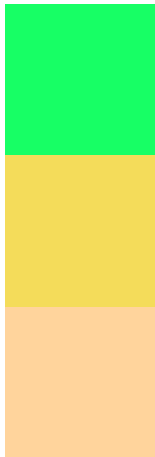


This preview shows how white text looks on a background with the Hex color 17FF65.

# 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](#).

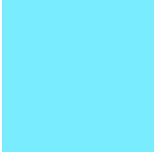
## Dichromacy



**Original Color**  
17FF65

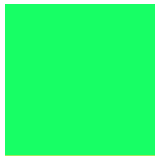
**Protanopia**  
F4DC5A

**Deuteranopia**  
FFD49C



**Tritanopia**  
79EDFF

# Trichromacy



**Original Color**

17FF65



**Protanomaly**

A4E95E



**Deuteranomaly**

ABE488



**Tritanomaly**

55F4C7

# Monochromacy



**Original Color**

17FF65



**Achromatopsia**

A8A8A8



**Achromatomaly**

73C890

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17FF65 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 #17FF65 looks like.

```
.text, #text, p{  
    color:#17FF65  
}
```

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 #17FF65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17FF65
}
```

## Border

The CSS property to change the border of an element to Hex 17FF65 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
#17FF65 }
```

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

```
.border{ border-color:#17FF65 }
```

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

Here you see how a box with a 4 pixel #17FF65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17FF65; -webkit-box-shadow:4px 4px  
4px 4px #17FF65; box-shadow:4px 4px 4px  
4px #17FF65 }
```

# Background

The CSS property to change the background color of an element to Hex 17FF65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17FF65 }
```

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

```
.background{ background-color:#17FF65 }
```

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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