

# Converting Colors

Hex(13FD86)

Have a look what the booklet for  
Hex(13FD86) contains.

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# Color

Hex(13FD86)

# Conversions

## Conversions Part 1

Format	Color
Hex	13FD86
RGB	19, 253, 134
RGB Percent	7%, 99%, 53%
CMY	0.9255, 0.0078, 0.4745
CMYK	0.92, 0.00, 0.47, 0.01
HSL	149°, 98%, 53%
HSV	149°, 92%, 99%
XYZ	39.6969, 72.1102, 34.3807
YIQ	169.4680, -101.2650, -86.6170

# Conversions

## Conversions Part 2

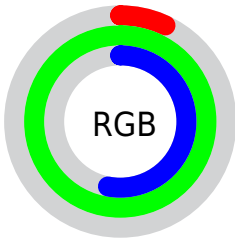
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 176, 253
Decimal	1310086
CIELab	88.02, -74.62, 43.16
CIELCh	88, 86.204, 149.958
Yxy	72.1102, 0.2715, 0.4933
Android (android.graphics.Color)	4279500166 (0xFF13FD86)
YUV	169.4680, -17.4857, -131.9604
Hunter-Lab	84.9177, -65.1618, 35.4377

# Details

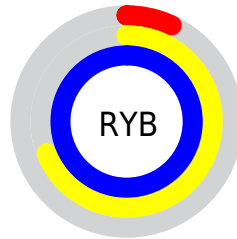
The Hex color **13FD86** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **FD138A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **76FFBD**, and **00C352** is the 20% darker color. If you saturate the color by 10%, you get **00FD7C**, and if you desaturate by 10%, it is **2CFD93**.

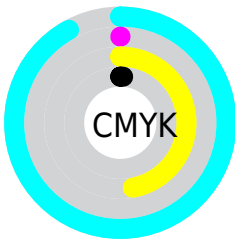
# Distribution



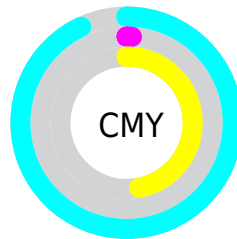
- Red (7%)
- Green (99%)
- Blue (53%)



- Red (7%)
- Yellow (69%)
- Blue (99%)



- Cyan (92%)
- Magenta (0%)
- Yellow (47%)
- Black (1%)



- Cyan (93%)
- Magenta (1%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13FD86 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 13FD86 by changing the saturation by 10% instead.



 13FD86

 13FD86

FFFFFF

 00E06C

 76FFBD

 00C352

 98FFD9

 00A638

 B9FFF6

 008B1E

 D9FFFF

 007000

 F9FFFF

 005500

 003D00

 002300

 000000

 13FD86

 13FD86

 00FD7C

 2CFD93

 46FDA0

 5FFDAD

 78FDB9

 92FDC6

 ABFDD3

 C4FDE0

 DDFDED

 F7FDFA

# Harmonies

## Analogous

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



B4F03D



13FD86



00FFDA

# Triad

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



13FD86



00E6FF



FF9890

# Complementary

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



13FD86



FD138A

# 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.



FF8BE0



13FD86



DAC7FF

# Square

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



13FD86



00FAFF



FFA2FF



FFB94A

# Rectangle

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



13FD86



00FFFF



FFA2FF



FF90AA

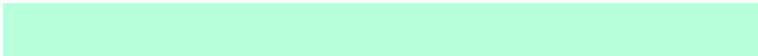


# Sweetspot

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



13FD86



B8FFDB



8CFD13



548069



000000



808080



# Same Dimension

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



13FD86



00FF7D



13DFD9



738079



00BF5E



00401F



# Inverse Universe

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



FD138A



FF0082



FD1317



807379



BF0061

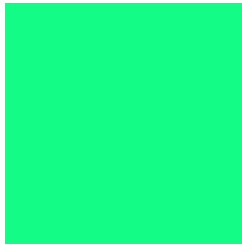


400020



# Previews

## White Background



This preview shows how the Hex color 13FD86 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 13FD86 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 13FD86 Background



This preview shows how black text looks on a background with the Hex color 13FD86.

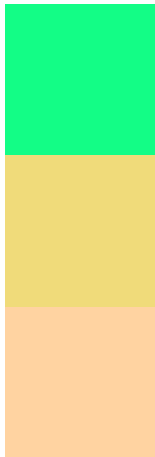


This preview shows how white text looks on a background with the Hex color 13FD86.

# 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](#).

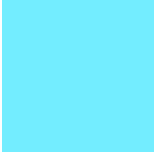
## Dichromacy



**Original Color**  
13FD86

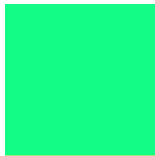
**Protanopia**  
F0DB7A

**Deuteranopia**  
FFD3A1



**Tritanopia**  
73EDFF

# Trichromacy



**Original Color**  
13FD86



**Protanomaly**  
A0E77E



**Deuteranomaly**  
A9E297

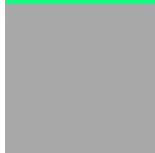


**Tritanomaly**  
50F3D3

# Monochromacy



**Original Color**  
13FD86



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
72C89C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13FD86 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 #13FD86 looks like.

```
.text, #text, p{  
    color:#13FD86  
}
```

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 #13FD86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13FD86
}
```

## Border

The CSS property to change the border of an element to Hex 13FD86 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
#13FD86 }
```

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

```
.border{ border-color:#13FD86 }
```

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

Here you see how a box with a 4 pixel #13FD86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13FD86; -webkit-box-shadow:4px 4px  
4px 4px #13FD86; box-shadow:4px 4px 4px  
4px #13FD86 }
```

# Background

The CSS property to change the background color of an element to Hex 13FD86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13FD86 }
```

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

```
.background{ background-color:#13FD86 }
```

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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