

Converting Colors

Hex(13FD3A)

Have a look what the booklet for
Hex(13FD3A) contains.

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Color

Hex(13FD3A)

Conversions

Conversions Part 1

Format	Color
Hex	13FD3A
RGB	19, 253, 58
RGB Percent	7%, 99%, 23%
CMY	0.9255, 0.0078, 0.7725
CMYK	0.92, 0.00, 0.77, 0.01
HSL	130°, 98%, 53%
HSV	130°, 92%, 99%
XYZ	36.1576, 70.6945, 15.7427
YIQ	160.8040, -76.8690, -110.2530

Conversions

Conversions Part 2

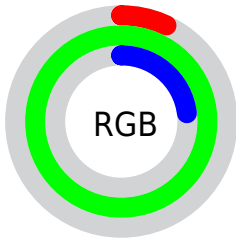
Format	Color
RYB	19, 220, 253
Decimal	1310010
CIELab	87.34, -83.12, 73.20
CIELCh	87, 110.758, 138.635
Yxy	70.6945, 0.2949, 0.5767
Android (android.graphics.Color)	4279500090 (0xFF13FD3A)
YUV	160.8040, -50.6824, -124.3621
Hunter-Lab	84.0800, -70.3783, 47.7549

Details

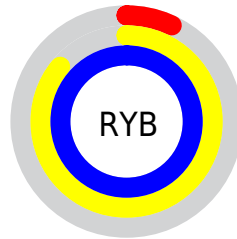
The Hex color **13FD3A** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **FD13D6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **79FF77**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **00FD2A**, and if you desaturate by 10%, it is **2CFD4F**.

Distribution



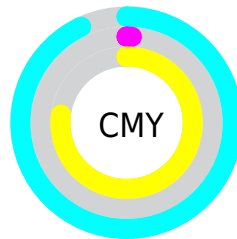
- Red (7%)
- Green (99%)
- Blue (23%)



- Red (7%)
- Yellow (86%)
- Blue (99%)



- Cyan (92%)
- Magenta (0%)
- Yellow (77%)
- Black (1%)



- Cyan (93%)
- Magenta (1%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13FD3A 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 13FD3A by changing the saturation by 10% instead.

 13FD3A

 13FD3A

FFFFFF

 00DF0F

 79FF77

 00C200

 9CFF94

 00A600

 BDFFB1

 008A00

 DEFFCE

 006F00

 FEFFEB

 005400

 003C00

 002100

 000000

 13FD3A

 13FD3A

 00FD2A

 2CFD4F

 46FD64

 5FFD79

 78FD8E

 92FDA3

 ABFDB8

 C4FDCE

 DDFDE3

 F7FDF8

Harmonies

Analogous

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



C9EA00



13FD3A



00FFAE

Triad

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



13FD3A



00F3FF



FF5F9F

Complementary

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



13FD3A



FD13D6

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.



FF61FF



13FD3A



5ED1FF

Square

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



13FD3A



00FFFF



FF9BFF



FF9637

Rectangle

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



13FD3A



00FFF8



FF9BFF



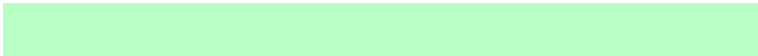
FF55C1

Sweetspot

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



13FD3A



B8FFC3



D6FD13



54805B



000000



808080

Same Dimension

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



13FD3A



00FF2A



13FDAF



738075



00BF20



00400B

Inverse Universe

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



FD13D6



FF00D4



FD1361



80737D



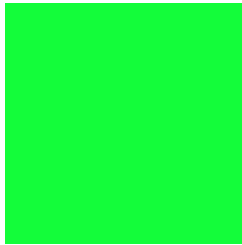
BF009F



400035

Previews

White Background



This preview shows how the Hex color 13FD3A looks on a white background.

Color Contrast Check

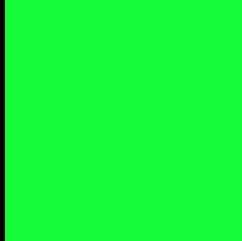
Large Text (above 18pt) WCAG AA × Fail

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 13FD3A 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

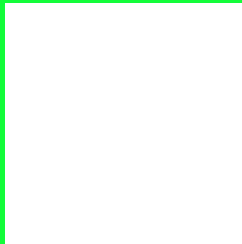
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 13FD3A Background



This preview shows how black text looks on a background with the Hex color 13FD3A.

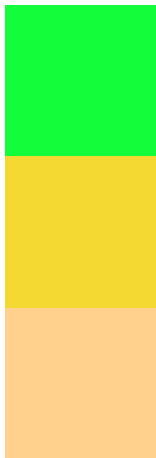


This preview shows how white text looks on a background with the Hex color 13FD3A.

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
E67E22

Protanopia
F3D931

Deuteranopia
FFD18C



Tritanopia
6AECFF

Trichromacy



Original Color
13FD3A



Protanomaly
A2E634

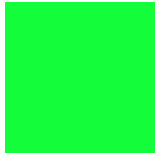


Deuteranomaly
A9E16E



Tritanomaly
4AF2B7

Monochromacy



Original Color
13FD3A



Achromatopsia
A1A1A1



Achromatomaly
6DC27C

CSS Examples

Text

The CSS property to change the color of the text to Hex 13FD3A 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 #13FD3A looks like.

```
.text, #text, p{  
    color:#13FD3A  
}
```

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 #13FD3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13FD3A
}
```

Border

The CSS property to change the border of an element to Hex 13FD3A 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
#13FD3A }
```

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

```
.border{ border-color:#13FD3A }
```

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

Here you see how a box with a 4 pixel #13FD3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13FD3A; -webkit-box-shadow:4px 4px  
4px 4px #13FD3A; box-shadow:4px 4px 4px  
4px #13FD3A }
```

Background

The CSS property to change the background color of an element to Hex 13FD3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13FD3A }
```

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

```
.background{ background-color:#13FD3A }
```

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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