

Converting Colors

Hex(1FA800)

Have a look what the booklet for
Hex(1FA800) contains.

Hex(1FA800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1FA800)

Conversions

Conversions Part 1

Format	Color
Hex	1FA800
RGB	31, 168, 0
RGB Percent	12%, 66%, 0%
CMY	0.8784, 0.3412, 1.0000
CMYK	0.82, 0.00, 1.00, 0.34
HSL	109°, 100%, 33%
HSV	109°, 100%, 66%
XYZ	14.5677, 28.2966, 4.6940
YIQ	107.8850, -27.7240, -81.2920

Conversions

Conversions Part 2

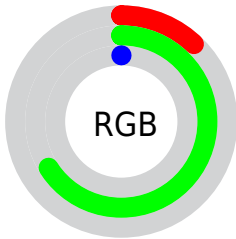
Format	Color
RYB	0, 168, 137
Decimal	2074624
CIELab	60.16, -60.68, 61.18
CIELCh	60, 86.163, 134.766
Yxy	28.2966, 0.3063, 0.5950
Android (android.graphics.Color)	4280264704 (0xFF1FA800)
YUV	107.8850, -53.1873, -67.4281
Hunter-Lab	53.1945, -44.2069, 32.0043

Details

The Hex color **1FA800** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8900A8**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **68E049**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **1FA800**, and if you desaturate by 10%, it is **2DA811**.

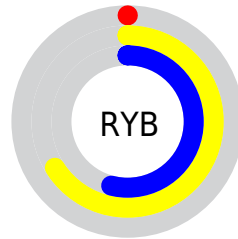
Distribution



Red (12%)

Green (66%)

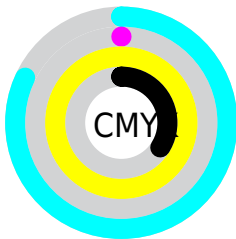
Blue (0%)



Red (0%)

Yellow (66%)

Blue (54%)

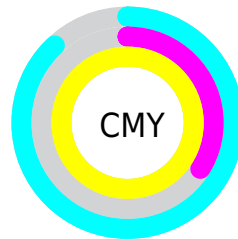


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (88%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FA800 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 1FA800 by changing the saturation by 10% instead.

 1FA800

 1FA800

FFFFFF

 008D00

 68E049

 007200

 86FE65

 005800

 A4FF81

 004000

 C2FF9D

 002800

 E1FFB9

 000100

 FFFFD6

 000000

 FFFFF3

 1FA800

 2DA811

 3AA822

 48A832

 56A843

 64A854

 71A865

 7FA876

 8DA886

 9AA897

Harmonies

Analogous

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



8D9900



1FA800



00AF66

Triad

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



1FA800



00A5FF



FF2B6F

Complementary

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



1FA800



8900A8

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.



FF37BB



1FA800



008EFF

Square

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



1FA800



00AFFB



C168FE



FF5824

Rectangle

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



1FA800



00B19C



C168FE



FF2588

Sweetspot

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



1FA800



A6DB9A



A88600



4D6E46



EDEDED



6E6E6E

Same Dimension

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



1FA800



28DB00



00A832



4D544C



1B9400



041400

Inverse Universe

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



8900A8



B300DB



A80076



534C54



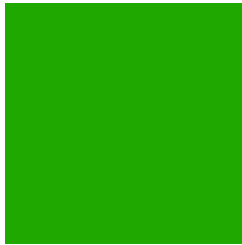
790094



110014

Previews

White Background



This preview shows how the Hex color 1FA800 looks on a white background.

Color Contrast Check

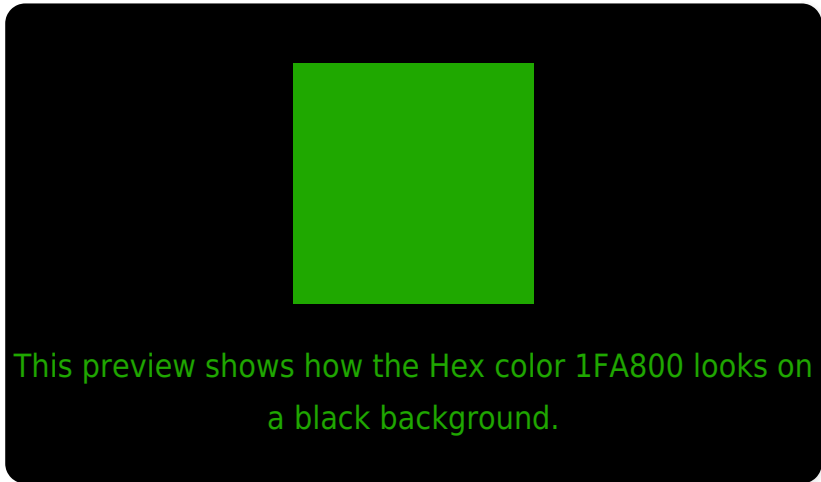
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 1FA800 Background



This preview shows how black text looks on a background with the Hex color 1FA800.

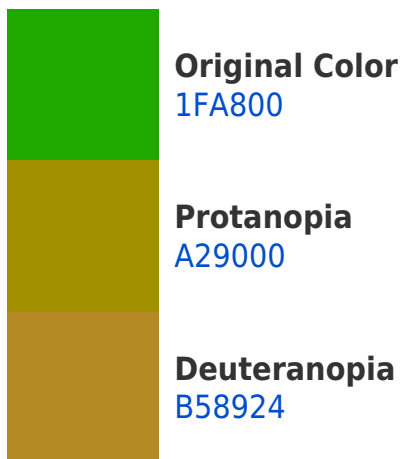


This preview shows how white text looks on a background with the Hex color 1FA800.

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](#).

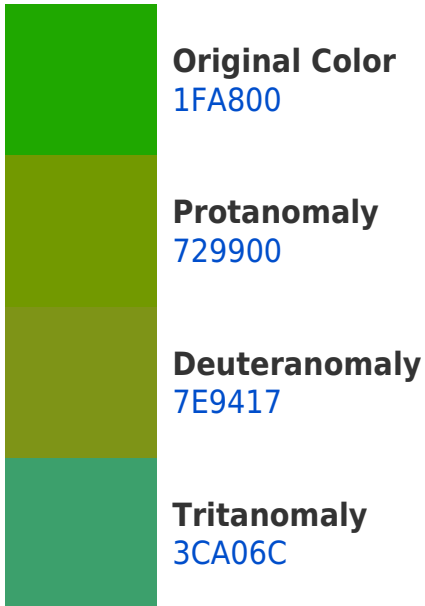
Dichromacy



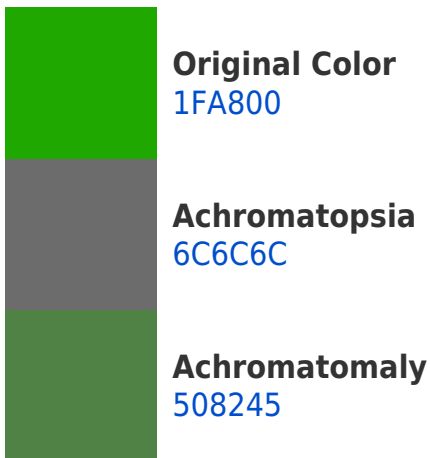


Tritanopia
4C9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FA800 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 #1FA800 looks like.

```
.text, #text, p{  
    color:#1FA800  
}
```

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 #1FA800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FA800
}
```

Border

The CSS property to change the border of an element to Hex 1FA800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

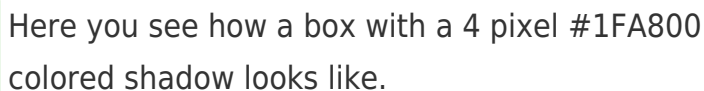
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1FA800 }
```

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

```
.border{ border-color:#1FA800 }
```

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



Here you see how a box with a 4 pixel #1FA800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FA800; -webkit-box-shadow:4px 4px  
4px 4px #1FA800; box-shadow:4px 4px 4px  
4px #1FA800 }
```

Background

The CSS property to change the background color of an element to Hex 1FA800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FA800 }
```

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

```
.background{ background-color:#1FA800 }
```

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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