

Converting Colors

Hex(1FA900)

Have a look what the booklet for
Hex(1FA900) contains.

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Color

Hex(1FA900)

Conversions

Conversions Part 1

Format	Color
Hex	1FA900
RGB	31, 169, 0
RGB Percent	12%, 66%, 0%
CMY	0.8784, 0.3373, 1.0000
CMYK	0.82, 0.00, 1.00, 0.34
HSL	109°, 100%, 33%
HSV	109°, 100%, 66%
XYZ	14.7530, 28.6672, 4.7558
YIQ	108.4720, -27.9990, -81.8150

Conversions

Conversions Part 2

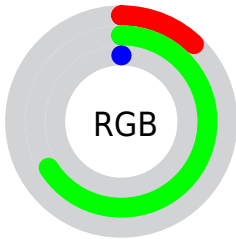
Format	Color
RYB	0, 169, 138
Decimal	2074880
CIELab	60.49, -60.97, 61.44
CIELCh	60, 86.560, 134.782
Yxy	28.6672, 0.3062, 0.5951
Android (android.graphics.Color)	4280264960 (0xFF1FA900)
YUV	108.4720, -53.4767, -67.9429
Hunter-Lab	53.5418, -44.5138, 32.2129

Details

The Hex color **1FA900** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8A00A9**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **68E14A**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **1FA900**, and if you desaturate by 10%, it is **2DA911**.

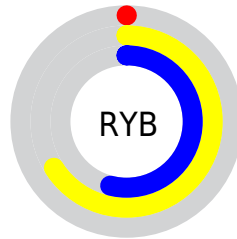
Distribution



Red (12%)

Green (66%)

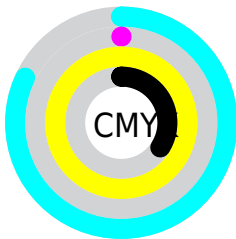
Blue (0%)



Red (0%)

Yellow (66%)

Blue (54%)

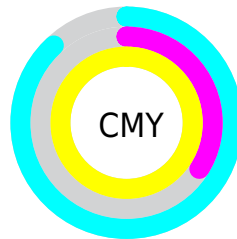


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (88%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FA900 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 1FA900 by changing the saturation by 10% instead.

 1FA900

 1FA900

FFFFFF

 008E00

 68E14A

 007300

 87FF65

 005900

 A5FF81

 004000

 C3FF9D

 002900

 E1FFB9

 000300

 FFFFD6

 000000

 FFFFF3

 1FA900

 2DA911

 3BA922

 48A933

 56A944

 64A954

 72A965

 80A976

 8DA987

 9BA998

Harmonies

Analogous

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



8E9A00



1FA900



00B067

Triad

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



1FA900



00A6FF



FF2C70

Complementary

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



1FA900



8A00A9

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.



FF37BC



1FA900



008FFF

Square

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



1FA900



00B0FD



C268FF



FF5925

Rectangle

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



1FA900



00B29C



C268FF



FF2589

Sweetspot

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



1FA900



A6DB9A



A98700



4D6E46



EDEDED



6E6E6E

Same Dimension

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



1FA900



28DB00



00A933



4D544C



1B9400



041400

Inverse Universe

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



8A00A9



B300DB



A90076



534C54



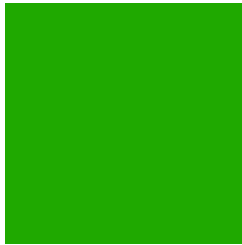
790094



110014

Previews

White Background



This preview shows how the Hex color 1FA900 looks on a white background.

Color Contrast Check

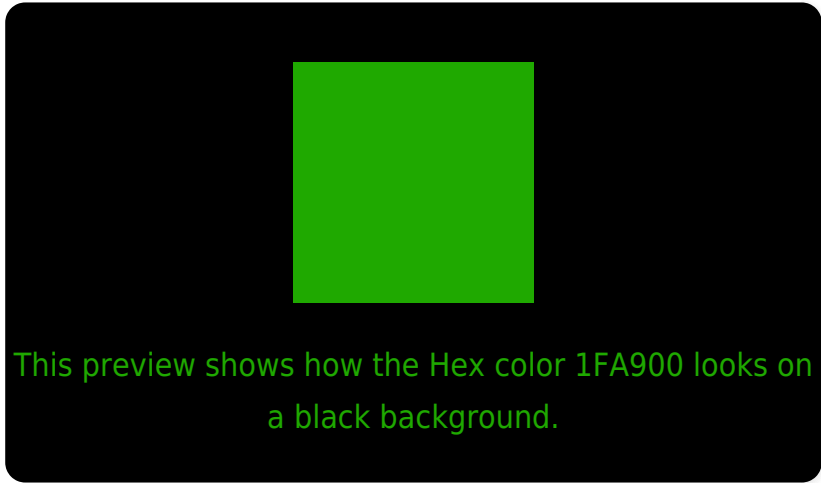
Large Text (above 18pt) WCAG AA ✓ Pass

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 1FA900 Background



This preview shows how black text looks on a background with the Hex color 1FA900.



This preview shows how white text looks on a background with the Hex color 1FA900.

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
1FA900

Protanopia
A39100

Deuteranopia
B68924



Tritanopia
4C9DAA

Trichromacy



Original Color
1FA900



Protanomaly
739A00



Deuteranomaly
7F9517



Tritanomaly
3CA16C

Monochromacy



Original Color
1FA900



Achromatopsia
6C6C6C



Achromatomaly
508245

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FA900 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 #1FA900 looks like.

```
.text, #text, p{  
    color:#1FA900  
}
```

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 #1FA900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FA900
}
```

Border

The CSS property to change the border of an element to Hex 1FA900 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".

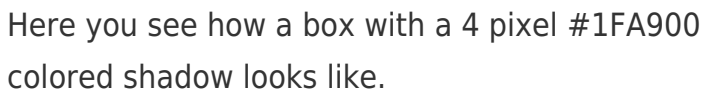
```
.border, #border, table{ border:4px solid
#1FA900 }
```

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

```
.border{ border-color:#1FA900 }
```

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

Here you see how a box with a 4 pixel #1FA900 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FA900; -webkit-box-shadow:4px 4px  
4px 4px #1FA900; box-shadow:4px 4px 4px  
4px #1FA900 }
```

Background

The CSS property to change the background color of an element to Hex 1FA900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FA900 }
```

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

```
.background{ background-color:#1FA900 }
```

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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