

Converting Colors

Hex(1FA927)

Have a look what the booklet for
Hex(1FA927) contains.

Hex(1FA927)	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(1FA927)

Conversions

Conversions Part 1

Format	Color
Hex	1FA927
RGB	31, 169, 39
RGB Percent	12%, 66%, 15%
CMY	0.8784, 0.3373, 0.8471
CMYK	0.82, 0.00, 0.77, 0.34
HSL	123°, 69%, 39%
HSV	123°, 82%, 66%
XYZ	15.1192, 28.8137, 6.6842
YIQ	112.9180, -40.5180, -69.6860

Conversions

Conversions Part 2

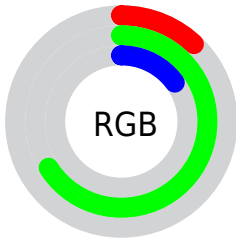
Format	Color
R_{YB}	31, 161, 169
Decimal	2074919
CIE _{Lab}	60.62, -59.33, 53.20
CIE _{LCh}	61, 79.689, 138.117
Yxy	28.8137, 0.2987, 0.5692
Android (android.graphics.Color)	4280264999 (0xFF1FA927)
YUV	112.9180, -36.4416, -71.8421
Hunter-Lab	53.6784, -43.6603, 30.1919

Details

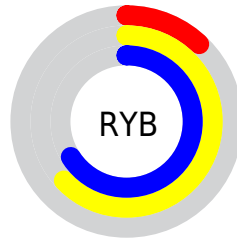
The Hex color **1FA927** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A91FA1**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **67E15E**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **0EA917**, and if you desaturate by 10%, it is **30A937**.

Distribution



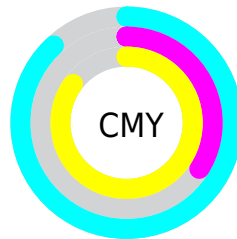
- Red (12%)
- Green (66%)
- Blue (15%)



- Red (12%)
- Yellow (63%)
- Blue (66%)



- Cyan (82%)
- Magenta (0%)
- Yellow (77%)
- Black (34%)



- Cyan (88%)
- Magenta (34%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1FA927 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 1FA927 by changing the saturation by 10% instead.

 1FA927

 1FA927

FFFFFF

 008E00

 67E15E

 007300

 85FF78

 005900

 A3FF94

 004000

 C1FFAF

 002A00

 DFFFCC

 000400

 FDFFE9

 000000

 1FA927

 1FA927

 0EA917

 30A937

 00A90A

 41A947

 52A957

 63A967

 73A977

 84A987

 95A996

 A6A9A6

 B7A9B6

Harmonies

Analogous

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



889C00



1FA927



00AF73

Triad

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



1FA927



00A3FF



FF426B

Complementary

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



1FA927



A91FA1

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.



FF44B1



1FA927



3F8CFF

Square

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



1FA927



00AEFA



C969F1



F66427

Rectangle

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



1FA927



00B1A4



C969F1



FF3C82

Sweetspot

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



1FA927



A7DBAA



A2A91F



4E6E50



EDEDED



6E6E6E

Same Dimension

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



1FA927



04DB11



1FA96B



4C544C



009409



001401

Inverse Universe

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



A91FA1



DB04CF



A91F5D



544C54



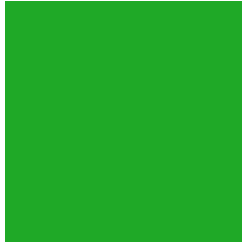
94008B



140013

Previews

White Background



This preview shows how the Hex color 1FA927 looks on a white background.

Color Contrast Check

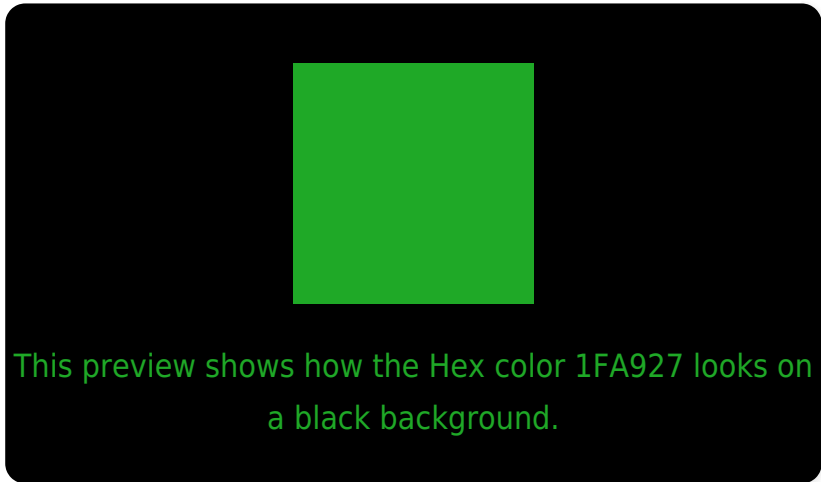
Large Text (above 18pt) WCAG AA ✓ Pass

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 1FA927 Background



This preview shows how black text looks on a background with the Hex color 1FA927.

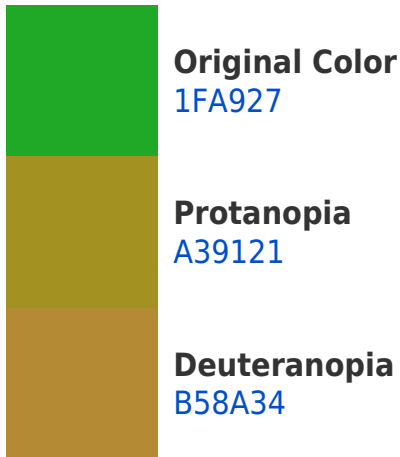


This preview shows how white text looks on a background with the Hex color 1FA927.

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](#).

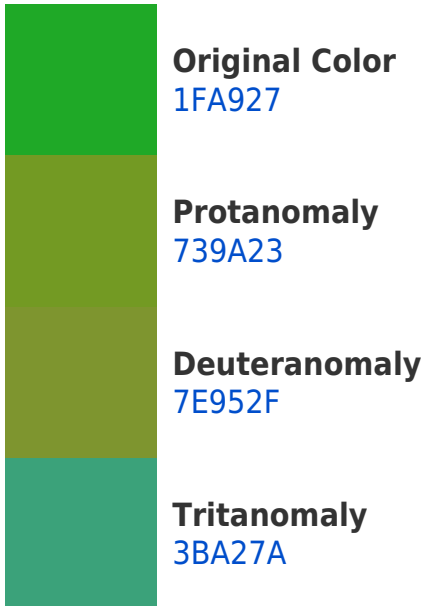
Dichromacy



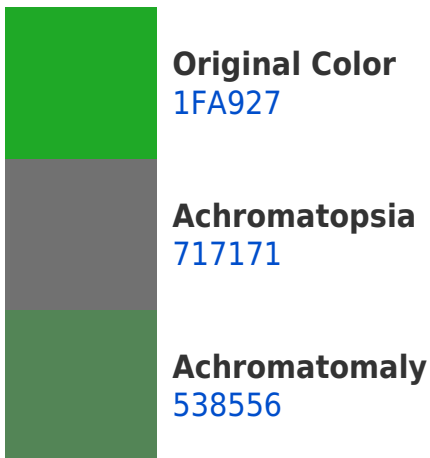


Tritanopia
4B9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FA927 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 #1FA927 looks like.

```
.text, #text, p{  
    color:#1FA927  
}
```

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 #1FA927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FA927
}
```

Border

The CSS property to change the border of an element to Hex 1FA927 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
#1FA927 }
```

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

```
.border{ border-color:#1FA927 }
```

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

Here you see how a box with a 4 pixel #1FA927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FA927; -webkit-box-shadow:4px 4px  
4px 4px #1FA927; box-shadow:4px 4px 4px  
4px #1FA927 }
```

Background

The CSS property to change the background color of an element to Hex 1FA927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FA927 }
```

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

```
.background{ background-color:#1FA927 }
```

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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