

Converting Colors

Hex(1F9927)

Have a look what the booklet for
Hex(1F9927) contains.

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Color

Hex(1F9927)

Conversions

Conversions Part 1

Format	Color
Hex	1F9927
RGB	31, 153, 39
RGB Percent	12%, 60%, 15%
CMY	0.8784, 0.4000, 0.8471
CMYK	0.80, 0.00, 0.75, 0.40
HSL	124°, 66%, 36%
HSV	124°, 80%, 60%
XYZ	12.3225, 23.2203, 5.7520
YIQ	103.5260, -36.1180, -61.3180

Conversions

Conversions Part 2

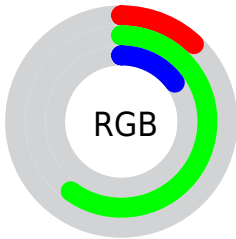
Format	Color
R_{YB}	31, 145, 153
Decimal	2070823
CIE _{Lab}	55.30, -54.26, 47.88
CIE _{LCh}	55, 72.368, 138.572
Yxy	23.2203, 0.2984, 0.5623
Android (android.graphics.Color)	4280260903 (0xFF1F9927)
YUV	103.5260, -31.8113, -63.6053
Hunter-Lab	48.1874, -38.6818, 26.6540

Details

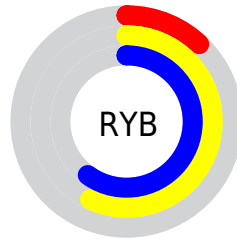
The Hex color **1F9927** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **991F91**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **63D15C**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **109919**, and if you desaturate by 10%, it is **2E9935**.

Distribution



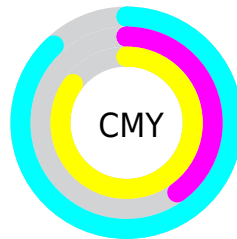
- Red (12%)
- Green (60%)
- Blue (15%)



- Red (12%)
- Yellow (57%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (75%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F9927 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 1F9927 by changing the saturation by 10% instead.

 1F9927

 1F9927

FFFFFF

 007E05

 63D15C

 006400

 80ED76

 004B00

 9DFF91

 003400

 BAFFAC

 001B00

 D8FFC8

 000000

 F6FFE5

 1F9927

 1F9927

 109919

 2E9935

■ 00990A

■ 3E9944

■ 4D9952

■ 5C9960

■ 6B996E

■ 7B997D

■ 8A998B

■ 999999

■ A999A8

Harmonies

Analogous

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



7B8D00



1F9927



009F69

Triad

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



1F9927



0093FF



F23F61

Complementary

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



1F9927



991F91

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.



E7409F



1F9927



427EFD

Square

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



1F9927



009DE2



B65FD8



DD5C25

Rectangle

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



1F9927



00A095



B65FD8



F23A75

Sweetspot

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



1F9927



97C79A



93991F



476349



E3E3E3



636363

Same Dimension

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



1F9927



08C714



1F9962



454D45



008C09



000D01

Inverse Universe

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



991F91



C708BA



991F56



4D454C



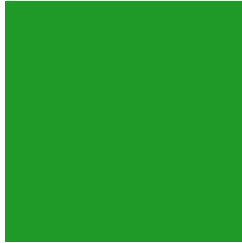
8C0083



0D000C

Previews

White Background



This preview shows how the Hex color 1F9927 looks on a white background.

Color Contrast Check

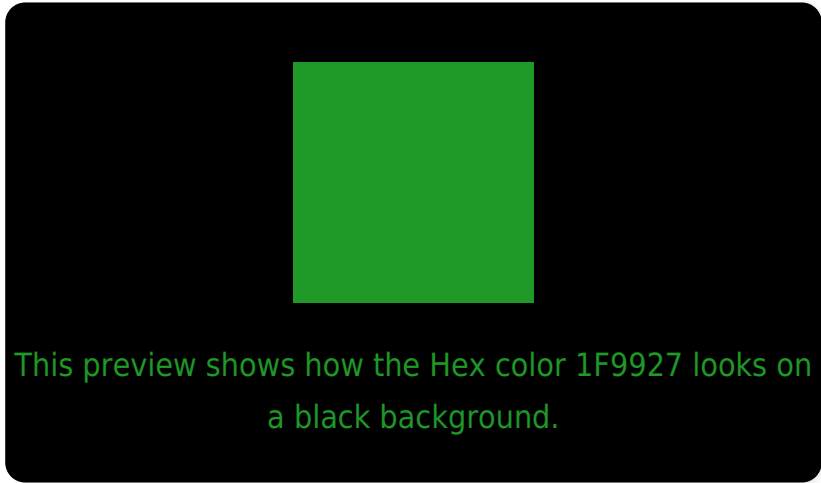
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F9927 Background



This preview shows how black text looks on a background with the Hex color 1F9927.



This preview shows how white text looks on a background with the Hex color 1F9927.

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
1F9927

Protanopia
948422

Deuteranopia
A47D32



Tritanopia
458F9A

Trichromacy



Original Color
1F9927



Protanomaly
698C24



Deuteranomaly
74872E



Tritanomaly
379370

Monochromacy



Original Color
1F9927



Achromatopsia
686868



Achromatomaly
4D7A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F9927 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 #1F9927 looks like.

```
.text, #text, p{  
    color:#1F9927  
}
```

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 #1F9927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F9927
}
```

Border

The CSS property to change the border of an element to Hex 1F9927 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
#1F9927 }
```

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

```
.border{ border-color:#1F9927 }
```

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

Here you see how a box with a 4 pixel #1F9927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F9927; -webkit-box-shadow:4px 4px  
4px 4px #1F9927; box-shadow:4px 4px 4px  
4px #1F9927 }
```

Background

The CSS property to change the background color of an element to Hex 1F9927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F9927 }
```

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

```
.background{ background-color:#1F9927 }
```

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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