

Converting Colors

Hex(1F9447)

Have a look what the booklet for
Hex(1F9447) contains.

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Color

Hex(1F9447)

Conversions

Conversions Part 1

Format	Color
Hex	1F9447
RGB	31, 148, 71
RGB Percent	12%, 58%, 28%
CMY	0.8784, 0.4196, 0.7216
CMYK	0.79, 0.00, 0.52, 0.42
HSL	141°, 65%, 35%
HSV	141°, 79%, 58%
XYZ	12.2923, 21.9260, 9.5455
YIQ	104.2390, -45.0150, -48.7510

Conversions

Conversions Part 2

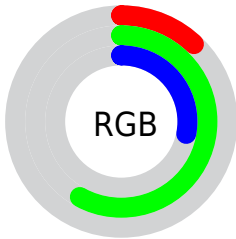
Format	Color
R_{YB}	31, 118, 148
Decimal	2069575
CIE _{Lab}	53.95, -48.65, 31.75
CIE _{LCh}	54, 58.095, 146.867
Yxy	21.9260, 0.2809, 0.5010
Android (android.graphics.Color)	4280259655 (0xFF1F9447)
YUV	104.2390, -16.3868, -64.2306
Hunter-Lab	46.8253, -35.0854, 20.6912

Details

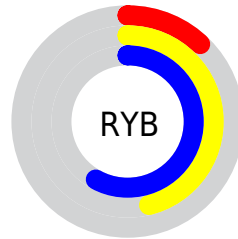
The Hex color **1F9447** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **941F6C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **60CB79**, and **006017** is the 20% darker color. If you saturate the color by 10%, you get **10943D**, and if you desaturate by 10%, it is **2E9451**.

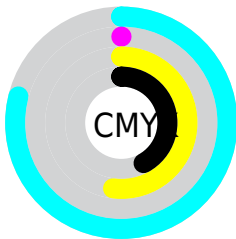
Distribution



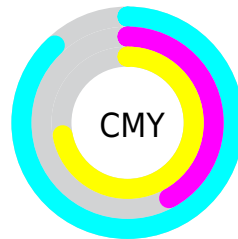
- Red (12%)
- Green (58%)
- Blue (28%)



- Red (12%)
- Yellow (46%)
- Blue (58%)



- Cyan (79%)
- Magenta (0%)
- Yellow (52%)
- Black (42%)



- Cyan (88%)
- Magenta (42%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F9447 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 1F9447 by changing the saturation by 10% instead.

 1F9447

 1F9447

FFFFFF

 007A2F

 60CB79

 006017

 7DE893

 004700

 99FFAE

 003000

 B6FFCA

 001600

 D3FFE6

 000000

 F1FFFF

 1F9447

 1F9447

 10943D

 2E9451

 019434

 3D945A

 009433

 4B9464

 5A946E

 699478

 789481

 87948B

 959495

 A4949F

Harmonies

Analogous

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



6E8B1B



1F9447



00987A

Triad

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



1F9447



0088E5



D95557

Complementary

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



1F9447



941F6C

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.



D75088



1F9447



7676DB

Square

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



1F9447



0094D4



B85FB8



C4692B

Rectangle

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



1F9447



00999D



B85FB8



DB5167

Sweetspot

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



1F9447



91BFA1



6D941F



45614E



E0E0E0



616161

Same Dimension

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



1F9447



0ABF48



1F9480



434A45



008A2F



000A03

Inverse Universe

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



941F6C



BF0A81



941F33



4A4347



8A005B



0A0007

Previews

White Background



This preview shows how the Hex color 1F9447 looks on a white background.

Color Contrast Check

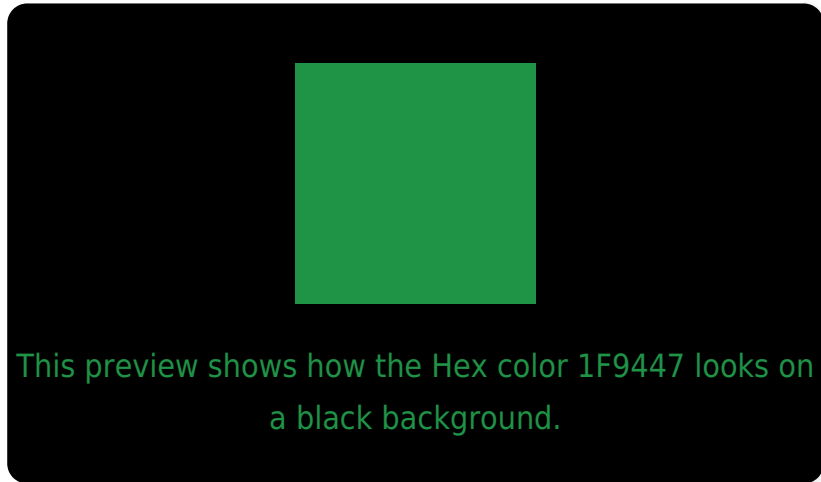
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F9447 Background



This preview shows how black text looks on a background with the Hex color 1F9447.

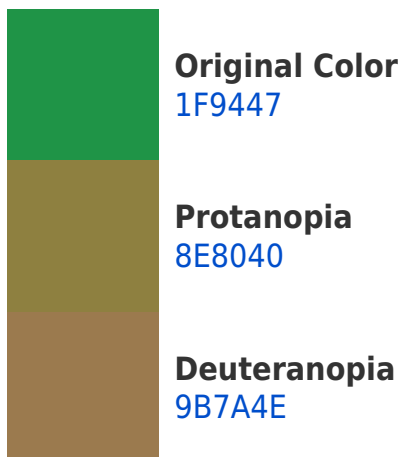


This preview shows how white text looks on a background with the Hex color 1F9447.

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
3F8B97

Trichromacy



Original Color
1F9447



Protanomaly
668743



Deuteranomaly
6E834B



Tritanomaly
338E7A

Monochromacy



Original Color
1F9447



Achromatopsia
686868



Achromatomaly
4D785C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F9447 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 #1F9447 looks like.

```
.text, #text, p{  
    color:#1F9447  
}
```

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 #1F9447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F9447
}
```

Border

The CSS property to change the border of an element to Hex 1F9447 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
#1F9447 }
```

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

```
.border{ border-color:#1F9447 }
```

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

Here you see how a box with a 4 pixel #1F9447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F9447; -webkit-box-shadow:4px 4px  
4px 4px #1F9447; box-shadow:4px 4px 4px  
4px #1F9447 }
```

Background

The CSS property to change the background color of an element to Hex 1F9447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F9447 }
```

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

```
.background{ background-color:#1F9447 }
```

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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