

Converting Colors

Hex(1E9746)

Have a look what the booklet for
Hex(1E9746) contains.

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Color

Hex(1E9746)

Conversions

Conversions Part 1

Format	Color
Hex	1E9746
RGB	30, 151, 70
RGB Percent	12%, 59%, 27%
CMY	0.8824, 0.4078, 0.7255
CMYK	0.80, 0.00, 0.54, 0.41
HSL	140°, 67%, 35%
HSV	140°, 80%, 59%
XYZ	12.7075, 22.8514, 9.5354
YIQ	105.5870, -46.1150, -50.8430

Conversions

Conversions Part 2

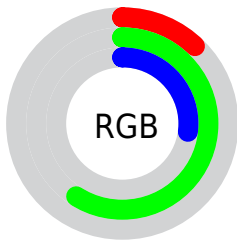
Format	Color
RYB	30, 121, 151
Decimal	2004806
CIELab	54.92, -50.02, 33.46
CIELCh	55, 60.176, 146.220
Yxy	22.8514, 0.2818, 0.5067
Android (android.graphics.Color)	4280194886 (0xFF1E9746)
YUV	105.5870, -17.5444, -66.2898
Hunter-Lab	47.8032, -36.2049, 21.6356

Details

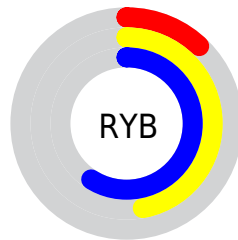
The Hex color **1E9746** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **971E6F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **60CE78**, and **006316** is the 20% darker color. If you saturate the color by 10%, you get **0F973C**, and if you desaturate by 10%, it is **2D9750**.

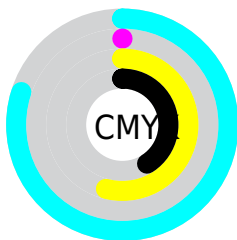
Distribution



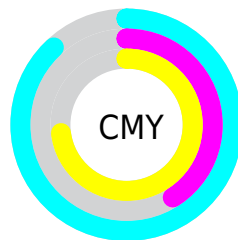
- Red (12%)
- Green (59%)
- Blue (27%)



- Red (12%)
- Yellow (47%)
- Blue (59%)



- Cyan (80%)
- Magenta (0%)
- Yellow (54%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E9746 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 1E9746 by changing the saturation by 10% instead.

 1E9746

 1E9746

FFFFFF

 007C2E

 60CE78

 006316

 7DEB92

 004A00

 9AFFAD

 003200

 B7FFC9

 001A00

 D4FFE5

 000000

 F2FFFF

 1E9746

 1E9746

 0F973C

 2D9750

■ 009732

■ 3C975A

■ 4B9764

■ 5A976E

■ 6A9779

■ 799783

■ 88978D

■ 979797

■ A697A1

Harmonies

Analogous

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



708E17



1E9746



009B7B

Triad

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



1E9746



008CEC



DF5559

Complementary

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



1E9746



971E6F

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.



DC508C



1E9746



7678E1

Square

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



1E9746



0097DA



BC61BE



C96A2B

Rectangle

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



1E9746



009C9F



BC61BE



E15169

Sweetspot

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



1E9746



95C4A5



71971E



476350



E3E3E3



636363

Same Dimension

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



1E9746



08C446



1E9781



454D47



008C2E



000D04

Inverse Universe

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



971E6F



C40886



971E34



4D454A



8C005E



0D0009

Previews

White Background



This preview shows how the Hex color 1E9746 looks on a white background.

Color Contrast Check

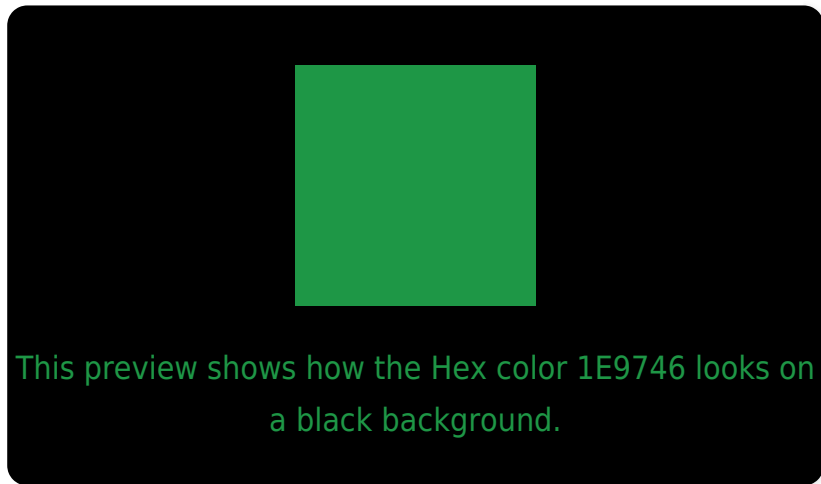
Large Text (above 18pt) WCAG AA ✓ Pass

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

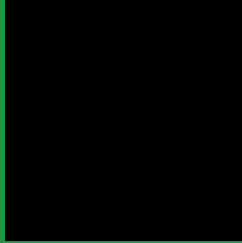
Any Text WCAG AA ✓ Pass

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 1E9746 Background



This preview shows how black text looks on a background with the Hex color 1E9746.

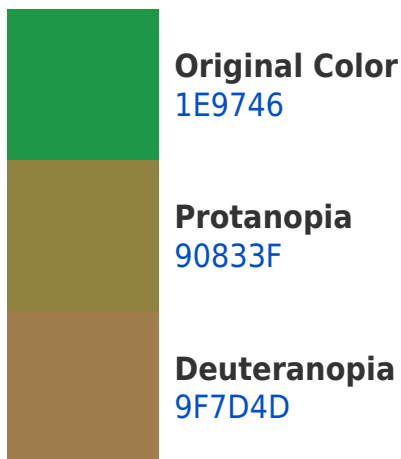


This preview shows how white text looks on a background with the Hex color 1E9746.

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
408E9A

Trichromacy



Original Color
1E9746



Protanomaly
678A42



Deuteranomaly
70864A



Tritanomaly
34917B

Monochromacy



Original Color
1E9746



Achromatopsia
6A6A6A



Achromatomaly
4E7A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E9746 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 #1E9746 looks like.

```
.text, #text, p{  
    color:#1E9746  
}
```

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 #1E9746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9746
}
```

Border

The CSS property to change the border of an element to Hex 1E9746 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
#1E9746 }
```

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

```
.border{ border-color:#1E9746 }
```

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

Here you see how a box with a 4 pixel #1E9746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9746; -webkit-box-shadow:4px 4px  
4px 4px #1E9746; box-shadow:4px 4px 4px  
4px #1E9746 }
```

Background

The CSS property to change the background color of an element to Hex 1E9746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9746 }
```

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

```
.background{ background-color:#1E9746 }
```

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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