

Converting Colors

Hex(1EA946)

Have a look what the booklet for
Hex(1EA946) contains.

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Color

Hex(1EA946)

Conversions

Conversions Part 1

Format	Color
Hex	1EA946
RGB	30, 169, 70
RGB Percent	12%, 66%, 27%
CMY	0.8824, 0.3373, 0.7255
CMYK	0.82, 0.00, 0.59, 0.34
HSL	137°, 70%, 39%
HSV	137°, 82%, 66%
XYZ	15.8289, 29.0941, 10.5758
YIQ	116.1530, -51.0650, -60.2570

Conversions

Conversions Part 2

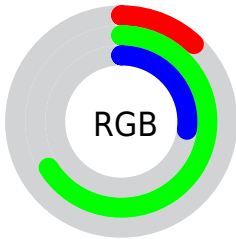
Format	Color
R_{YB}	30, 138, 169
Decimal	2009414
CIE _{Lab}	60.86, -56.22, 40.59
CIE _{LCh}	61, 69.344, 144.173
Yxy	29.0941, 0.2852, 0.5242
Android (android.graphics.Color)	4280199494 (0xFF1EA946)
YUV	116.1530, -22.7534, -75.5562
Hunter-Lab	53.9390, -42.0108, 26.1323

Details

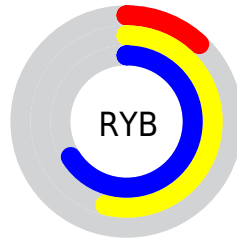
The Hex color **1EA946** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A91E81**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **65E179**, and **007312** is the 20% darker color. If you saturate the color by 10%, you get **0DA93A**, and if you desaturate by 10%, it is **2FA952**.

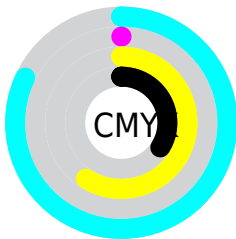
Distribution



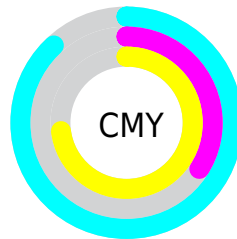
- Red (12%)
- Green (66%)
- Blue (27%)



- Red (12%)
- Yellow (54%)
- Blue (66%)



- Cyan (82%)
- Magenta (0%)
- Yellow (59%)
- Black (34%)



- Cyan (88%)
- Magenta (34%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EA946 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 1EA946 by changing the saturation by 10% instead.

 1EA946

 1EA946


FFFFFF

 008E2D

 65E179

 007312

 83FF94

 005A00

 A0FFAF

 004100

 BEFFCB

 002A00

 DCFFE7

 000600

 FAFFFF

 000000

 1EA946

 1EA946

 0DA93A

 2FA952

■ 00A931

■ 40A95E

■ 51A96A

■ 62A976

■ 72A982

■ 83A98E

■ 94A99A

■ A5A9A6

■ B6A9B2

Harmonies

Analogous

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



809E01



1EA946



00AE84

Triad

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



1EA946



009EFF



FE5965

Complementary

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



1EA946



A91E81

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.



F954A2



1EA946



7988FF

Square

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



1EA946



00AAF6



D16BDB



E6722D

Rectangle

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



1EA946



00AFAF



D16BDB



FF5478

Sweetspot

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



1EA946



A4DBB4



82A91E



4D6E56



EDEDED



6E6E6E

Same Dimension

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



1EA946



02DB41



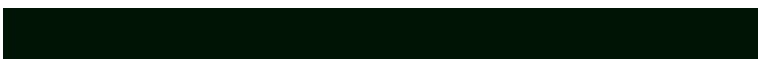
1EA98B



4C544E



00942B



001406

Inverse Universe

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



A91E81



DB029D



A91E3C



544C52



940069



14000F

Previews

White Background



This preview shows how the Hex color 1EA946 looks on a white background.

Color Contrast Check

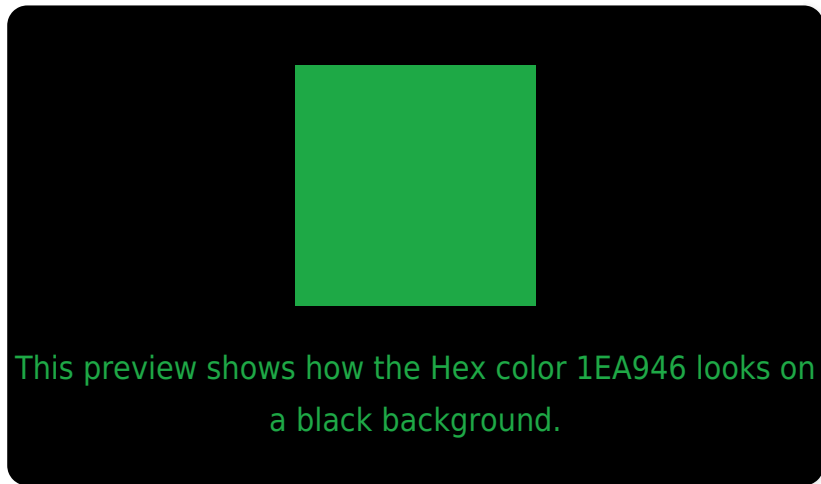
Large Text (above 18pt) WCAG AA ✓ Pass

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

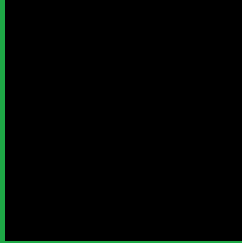
Any Text WCAG AA ✓ Pass

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 1EA946 Background



This preview shows how black text looks on a background with the Hex color 1EA946.



This preview shows how white text looks on a background with the Hex color 1EA946.

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
1EA946

Protanopia
A2923F

Deuteranopia
B28B4E



Tritanopia
489FAB

Trichromacy



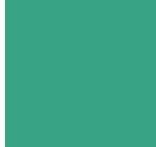
Original Color
1EA946



Protanomaly
729A42



Deuteranomaly
7C964B



Tritanomaly
39A386

Monochromacy



Original Color
1EA946



Achromatopsia
747474



Achromatomaly
558763

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EA946 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 #1EA946 looks like.

```
.text, #text, p{  
    color:#1EA946  
}
```

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 #1EA946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EA946
}
```

Border

The CSS property to change the border of an element to Hex 1EA946 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
#1EA946 }
```

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

```
.border{ border-color:#1EA946 }
```

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

Here you see how a box with a 4 pixel #1EA946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EA946; -webkit-box-shadow:4px 4px  
4px 4px #1EA946; box-shadow:4px 4px 4px  
4px #1EA946 }
```

Background

The CSS property to change the background color of an element to Hex 1EA946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EA946 }
```

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

```
.background{ background-color:#1EA946 }
```

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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