

Converting Colors

Hex(1BA14C)

Have a look what the booklet for
Hex(1BA14C) contains.

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Color

Hex(1BA14C)

Conversions

Conversions Part 1

Format	Color
Hex	1BA14C
RGB	27, 161, 76
RGB Percent	11%, 63%, 30%
CMY	0.8941, 0.3686, 0.7020
CMYK	0.83, 0.00, 0.53, 0.37
HSL	142°, 71%, 37%
HSV	142°, 83%, 63%
XYZ	14.5014, 26.2446, 11.1389
YIQ	111.2440, -52.5790, -54.8430

Conversions

Conversions Part 2

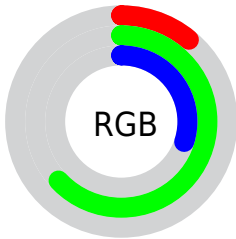
Format	Color
RYB	27, 125, 161
Decimal	1810764
CIELab	58.27, -52.95, 34.51
CIELCh	58, 63.203, 146.905
Yxy	26.2446, 0.2795, 0.5058
Android (android.graphics.Color)	4280000844 (0xFF1BA14C)
YUV	111.2440, -17.3753, -73.8820
Hunter-Lab	51.2294, -39.1240, 22.9691

Details

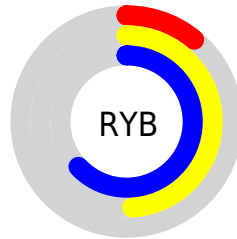
The Hex color **1BA14C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A11B70**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **61D97F**, and **006C1B** is the 20% darker color. If you saturate the color by 10%, you get **0BA142**, and if you desaturate by 10%, it is **2BA156**.

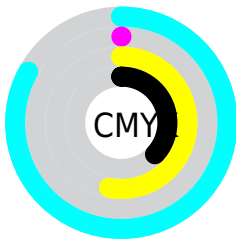
Distribution



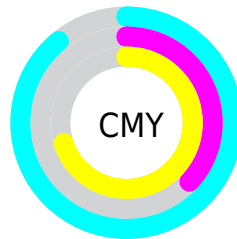
- Red (11%)
- Green (63%)
- Blue (30%)



- Red (11%)
- Yellow (49%)
- Blue (63%)



- Cyan (83%)
- Magenta (0%)
- Yellow (53%)
- Black (37%)



- Cyan (89%)
- Magenta (37%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BA14C 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 1BA14C by changing the saturation by 10% instead.

 1BA14C

 1BA14C

FFFFFF

 008634

 61D97F

 006C1B

 7FF699

 005201

 9CFFB4

 003A00

 B9FFD0

 002300

 D7FFED


 000000

 F5FFFF

 1BA14C

 1BA14C

 0BA142

 2BA156

■ 00A13B

■ 3BA160

■ 4BA16B

■ 5BA175

■ 6CA17F

■ 7CA189

■ 8CA193

■ 9CA19E

■ ACA1A8

Harmonies

Analogous

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



769819



1BA14C



00A584

Triad

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



1BA14C



0094FB



ED5B5D

Complementary

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



1BA14C



A11B70

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.



EB5594



1BA14C



8080EF

Square

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



1BA14C



00A1E8



C966C9



D5712D

Rectangle

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



1BA14C



00A6AB



C966C9



EF566F

Sweetspot

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



1BA14C



9DD1B0



72A11B



496955



E8E8E8



696969

Same Dimension

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



1BA14C



00D14C



1BA18D



49524C



009135



001207

Inverse Universe

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



A11B70



D10085



A11B2F



52494F



91005C



12000B

Previews

White Background



This preview shows how the Hex color 1BA14C looks on a white background.

Color Contrast Check

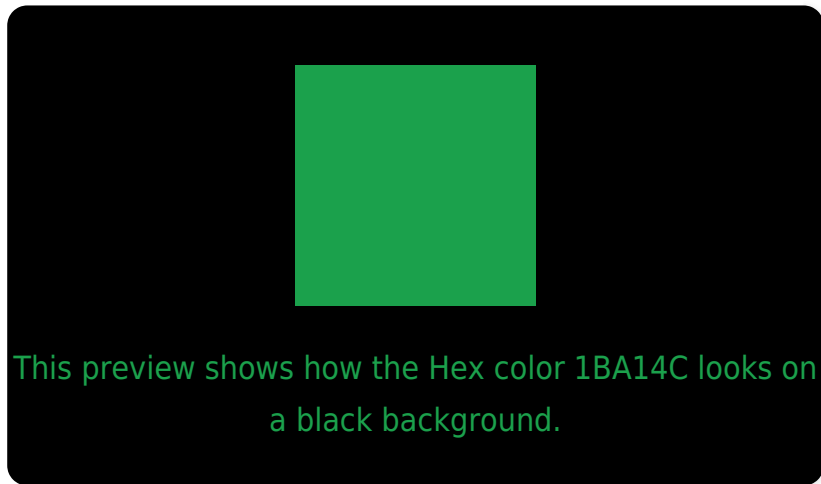
Large Text (above 18pt) WCAG AA ✓ Pass

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 1BA14C Background



This preview shows how black text looks on a background with the Hex color 1BA14C.



This preview shows how white text looks on a background with the Hex color 1BA14C.

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
1BA14C

Protanopia
9A8B45

Deuteranopia
A98553



Tritanopia
4398A4

Trichromacy



Original Color
1BA14C



Protanomaly
6C9348



Deuteranomaly
758F50



Tritanomaly
349B84

Monochromacy



Original Color
1BA14C



Achromatopsia
6F6F6F



Achromatomaly
508162

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BA14C 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 #1BA14C looks like.

```
.text, #text, p{  
    color:#1BA14C  
}
```

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 #1BA14C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BA14C
}
```

Border

The CSS property to change the border of an element to Hex 1BA14C 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
#1BA14C }
```

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

```
.border{ border-color:#1BA14C }
```

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

Here you see how a box with a 4 pixel #1BA14C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BA14C; -webkit-box-shadow:4px 4px  
4px 4px #1BA14C; box-shadow:4px 4px 4px  
4px #1BA14C }
```

Background

The CSS property to change the background color of an element to Hex 1BA14C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BA14C }
```

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

```
.background{ background-color:#1BA14C }
```

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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