

# Converting Colors

Hex(1BA04F)

Have a look what the booklet for  
Hex(1BA04F) contains.

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# Color

**Hex(1BA04F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BA04F
RGB	27, 160, 79
RGB Percent	11%, 63%, 31%
CMY	0.8941, 0.3725, 0.6902
CMYK	0.83, 0.00, 0.51, 0.37
HSL	143°, 71%, 37%
HSV	143°, 83%, 63%
XYZ	14.4341, 25.9391, 11.6431
YIQ	110.9990, -53.2670, -53.3870

# Conversions

## Conversions Part 2

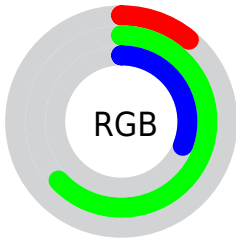
Format	Color
<a href="#">RYB</a>	<a href="#">27, 123, 160</a>
Decimal	<a href="#">1810511</a>
CIELab	<a href="#">57.98, -52.12, 32.62</a>
CIELCh	<a href="#">58, 61.484, 147.956</a>
Yxy	<a href="#">25.9391, 0.2775, 0.4987</a>
Android (android.graphics.Color)	<a href="#">4280000591 (0xFF1BA04F)</a>
YUV	<a href="#">110.9990, -15.7755, -73.6671</a>
Hunter-Lab	<a href="#">50.9305, -38.5401, 22.0971</a>

# Details

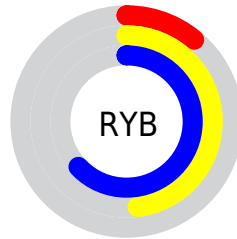
The Hex color **1BA04F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A01B6C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **61D882**, and **006B1F** is the 20% darker color. If you saturate the color by 10%, you get **0BA045**, and if you desaturate by 10%, it is **2BA059**.

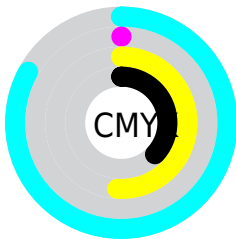
# Distribution



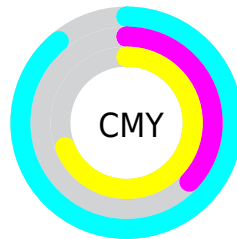
- Red (11%)
- Green (63%)
- Blue (31%)



- Red (11%)
- Yellow (48%)
- Blue (63%)



- Cyan (83%)
- Magenta (0%)
- Yellow (51%)
- Black (37%)



- Cyan (89%)
- Magenta (37%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BA04F 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 1BA04F by changing the saturation by 10% instead.





1BA04F



1BA04F

FFFFFF



008537



61D882



006B1F



7EF59C



005205



9CFFB7



003900



B9FFD3



002300



D6FFF0



000000



F4FFFF



1BA04F



1BA04F



0BA045



2BA059

■ 00A03F

■ 3BA062

■ 4BA06C

■ 5BA076

■ 6BA080

■ 7BA089

■ 8BA093

■ 9BA09D

■ ABA0A7

# Harmonies

## Analogous

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



74971F



1BA04F



00A486

# Triad

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



1BA04F



0093F7



E95D5C

# Complementary

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



1BA04F



A01B6C

# 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.



E85691



1BA04F



847FEB

# Square

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



1BA04F



009FE6



C866C5



D2722E

# Rectangle

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



1BA04F



00A5AB



C866C5



EC586D



# Sweetspot

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



1BA04F



9DD1B1



6DA01B



496955



E8E8E8



696969



# Same Dimension

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



1BA04F



00D152



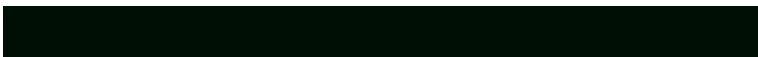
1BA090



474F4A



008F38



000F06



# Inverse Universe

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



A01B6C



D1007F



A01B2B



4F474C



8F0057



0F0009



# Previews

## White Background



This preview shows how the Hex color 1BA04F looks on a white background.

## Color Contrast Check

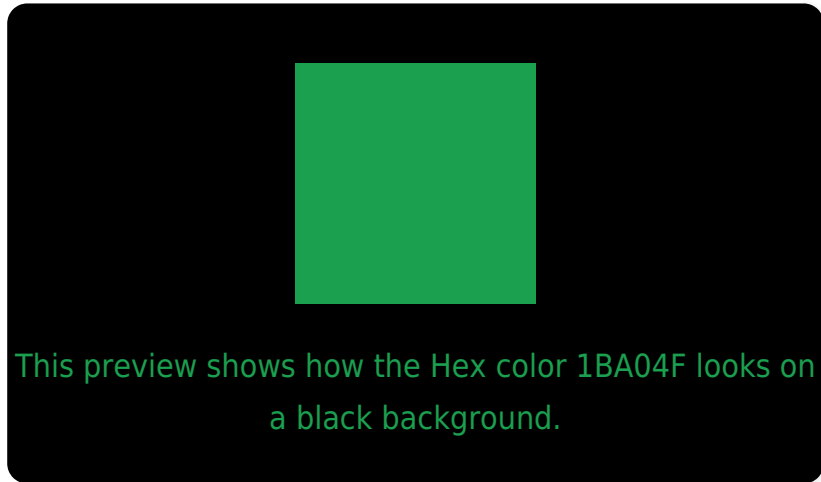
Large Text (above 18pt) WCAG AA ✓ Pass

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 1BA04F Background



This preview shows how black text looks on a background with the Hex color 1BA04F.

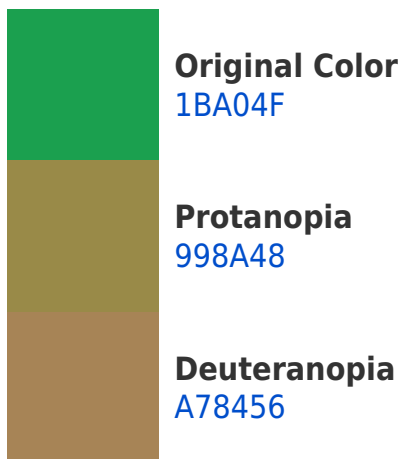


This preview shows how white text looks on a background with the Hex color 1BA04F.

# 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](#).

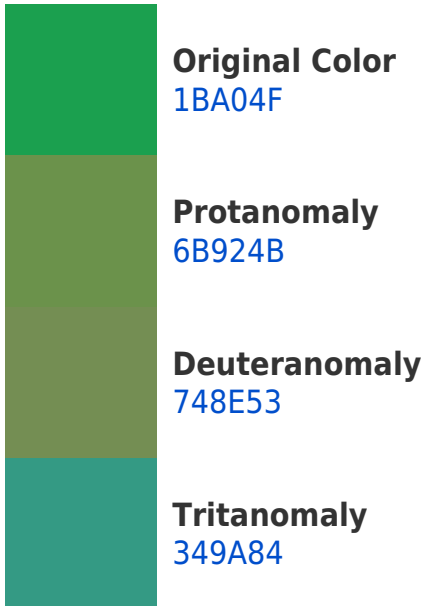
## Dichromacy



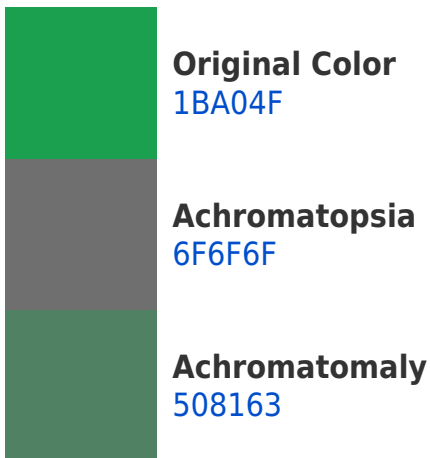


**Tritanopia**  
4297A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BA04F 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 #1BA04F looks like.

```
.text, #text, p{  
    color:#1BA04F  
}
```

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 #1BA04F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BA04F
}
```

## Border

The CSS property to change the border of an element to Hex 1BA04F 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
#1BA04F }
```

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

```
.border{ border-color:#1BA04F }
```

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

Here you see how a box with a 4 pixel #1BA04F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BA04F; -webkit-box-shadow:4px 4px  
4px 4px #1BA04F; box-shadow:4px 4px 4px  
4px #1BA04F }
```

# Background

The CSS property to change the background color of an element to Hex 1BA04F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BA04F }
```

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

```
.background{ background-color:#1BA04F }
```

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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