

# Converting Colors

HunterLab(52.5009, -31.2573,  
16.9438)

Have a look what the booklet for  
HunterLab(52.5009, -31.2573,  
16.9438) contains.

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# Color

**HunterLab(52.4953,  
-31.2830, 17.0078)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49A068
RGB	73, 160, 104
RGB Percent	29%, 63%, 41%
CMY	0.7137, 0.3725, 0.5921
CMYK	0.54, 0.00, 0.35, 0.37
HSL	141°, 37%, 46%
HSV	141°, 54%, 63%
XYZ	17.8172, 27.5576, 17.4768
YIQ	127.6030, -33.8760, -35.8600

# Conversions

## Conversions Part 2

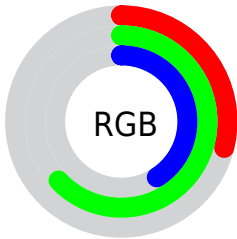
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 137, 160
Decimal	4825192
CIELab	59.49, -39.22, 21.46
CIELCh	59, 44.705, 151.315
Yxy	27.5587, 0.2835, 0.4385
Android (android.graphics.Color)	4283015272 (0xFF49A068)
YUV	127.6030, -11.6363, -47.8868
Hunter-Lab	52.4953, -31.2830, 17.0078

# Details

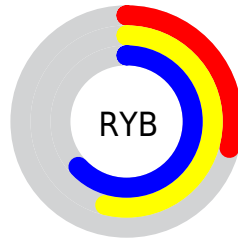
The HunterLab color  $52.4953, -31.2830, 17.0078$  is a dark color, and the websafe version is hex  $339966$ . A complement of this color would be  $37.1809, 34.9977, -9.5969$ , and the grayscale version is  $46.3597, -2.4736, 2.5188$ .

A 20% lighter version of the original color is  $74.5590, -36.6224, 20.2904$ , and  $33.2115, -25.2598, 13.3433$  is the 20% darker color. If you saturate the color by 10%, you get  $51.7836, -34.5524, 19.2591$ , and if you desaturate by 10%, it is  $53.3745, -27.3698, 14.6261$ .

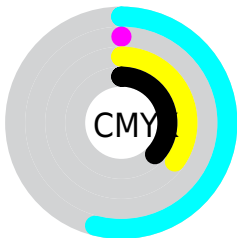
# Distribution



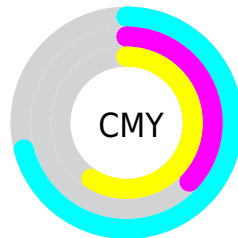
- Red (29%)
- Green (63%)
- Blue (41%)



- Red (29%)
- Yellow (54%)
- Blue (63%)



- Cyan (54%)
- Magenta (0%)
- Yellow (35%)
- Black (37%)



- Cyan (71%)
- Magenta (37%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4953, -31.2830, 17.0078 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 HunterLab color 52.4953, -31.2830, 17.0078 by changing the saturation by 10% instead.



■ 52.4953, -31.2830,  
17.0078

■ 52.4953, -31.2830,  
17.0078

170.3972,  
-54.2119, 32.2744

■ 42.4185, -28.2877,  
15.1425

■ 74.6854, -36.8688,  
20.5676

■ 33.0835, -25.0985,  
13.1898

■ 86.7196, -39.5135,  
22.2898

■ 24.5560, -21.6444,  
11.1133

■ 99.3386, -42.0846,  
23.9865

■ 16.9213, -17.8079,  
8.8707

■ 112.5164,  
-44.5952, 25.6643

■ 10.2995, -17.3144,  
7.2096

■ 126.2304,  
-47.0558, 27.3283

0.0000, NaN, NaN

140.4603,

0.0000, NaN, NaN

-49.4745, 28.9826

0.0000, NaN, NaN

155.1880,  
-51.8581, 30.6304

0.0000, NaN, NaN

■ 52.4953, -31.2830,  
17.0078

■ 52.4953, -31.2830,  
17.0078

■ 51.7836, -34.5524,  
19.2591

■ 53.3745, -27.3698,  
14.6261

■ 51.2298, -37.1688,  
21.3508

■ 54.4210, -22.8364,  
12.1420

■ 50.8250, -39.1487,  
23.2584

■ 55.6365, -17.7240,  
9.5855

■ 50.5544, -40.5361,  
24.9599

■ 57.0190, -12.0832,  
6.9850

■ 50.4363, -41.1573,  
25.8058

■ 58.5650, -5.9709,  
4.3666

■ 60.2692, 0.5538,  
1.7533

■ 62.1255, 7.4322,  
-0.8353

■ 64.1270, 14.6090,  
-3.3835

■ 66.2663, 22.0333,  
-5.8790

# Harmonies

## Analogous

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



52.4964, -20.5542, 24.7938



52.4953, -31.2830, 17.0078



52.4964, -34.6949, 2.0498

# Triad

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



52.4964, -31.2837, 17.0083



52.4964, -1.9588, -45.4170



52.4964, 32.3848, 17.9606

# Complementary

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



52.4953, -31.2830, 17.0078



37.1809, 34.9977, -9.5969

# 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.



52.4964, 39.1697, 3.6526



52.4953, -31.2830, 17.0078



52.4964, 17.6714, -36.5889

# Square

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



52.4964, -31.2837, 17.0083



52.4964, -19.2885, -37.9379



52.4964, 33.4396, -16.8206



52.4964, 16.0049, 25.1894



# Rectangle

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



52.4953, -31.2830, 17.0078



52.4964, -32.8132, -11.4875



52.4964, 33.4396, -16.8206



52.4964, 35.9604, 14.0326

# Sweetspot

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



52.4964, -31.2837, 17.0083



76.4531, -17.8033, 10.0924



55.0765, -22.1293, 26.7647



35.6327, -9.0311, 5.0411



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328



# Same Dimension

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



52.4964, -31.2837, 17.0083



69.6199, -47.2871, 26.4978



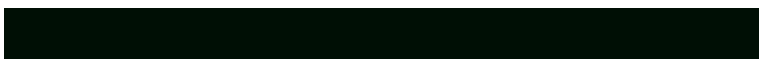
53.5390, -25.0731, 2.0042



27.2730, -4.2464, 2.6618



44.5229, -36.2702, 22.6472



6.0177, -4.4514, 2.0877



# Inverse Universe

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



37.1809, 34.9977, -9.5969



45.7394, 57.0193, -14.3278



35.9331, 29.3261, 8.1103



25.9122, 1.5222, 0.2512



25.6770, 46.9763, -6.6919



3.5451, 6.6799, -2.4283



# Previews

## White Background



This preview shows how the HunterLab color 52.4953, -31.2830, 17.0078 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



This preview shows how the HunterLab color 52.4953, -31.2830, 17.0078 looks on a 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](#).

## HunterLab 52.4953, -31.2830, 17.0078 Background



This preview shows how black text looks on a background with the HunterLab color 52.4953, -31.2830, 17.0078.



This preview shows how white text looks on a background with the HunterLab color 52.4953,

-31.2830, 17.0078.

# 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

52.4953, -31.2830, 17.0078

### Protanopia

52.0376, -4.7716, 19.0964

### Deuteranopia

52.1641, 3.3019, 15.7567



## Tritanopia

52.5575, -16.2298, -8.0557

# Trichromacy



## Original Color

52.4953, -31.2830, 17.0078

## Protanomaly

51.7445, -16.3679, 17.7835

## Deuteranomaly

51.2824, -11.5947, 15.3151

## Tritanomaly

52.5348, -22.5755, 2.6484

# Monochromacy



## Original Color

52.4953, -31.2830, 17.0078

## Achromatopsia

46.4608, -2.4790, 2.5243

## Achromatomaly

48.2454, -14.5316, 8.0261

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.4953, -31.2830, 17.0078 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 `rgb(73, 160, 104)` looks like.

```
.text, #text, p{  
    color:rgb(73, 160, 104)  
}
```

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 rgb(73, 160, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 160, 104) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.4953, -31.2830, 17.0078 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 rgb(73, 160, 104) }
```



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

```
.border{ border-color:rgb(73, 160, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 160, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 160, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 160, 104);  
box-shadow:4px 4px 4px 4px rgb(73, 160,  
104) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.4953, -31.2830, 17.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 160, 104) }
```

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

```
.background{ background-color: rgb(73, 160,  
104) }
```

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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