

Converting Colors

HunterLab(63.4213, -12.5012,
31.7070)

Have a look what the booklet for
HunterLab(63.4213, -12.5012,
31.7070) contains.

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Color

**HunterLab(63.4951,
-12.8801, 31.8131)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AE50
RGB	178, 174, 80
RGB Percent	70%, 68%, 31%
CMY	0.3020, 0.3176, 0.6863
CMYK	0.00, 0.02, 0.55, 0.30
HSL	58°, 39%, 51%
HSV	58°, 55%, 70%
XYZ	34.9441, 40.3163, 13.5295
YIQ	164.4800, 32.5580, -28.3860

Conversions

Conversions Part 2

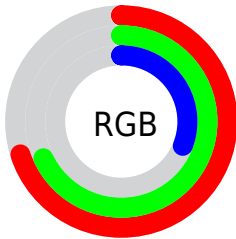
Format	Color
RYB	84, 178, 80
Decimal	11710032
CIELab	69.70, -11.18, 47.95
CIELCh	70, 49.234, 103.128
Yxy	40.3181, 0.3936, 0.4541
Android (android.graphics.Color)	4289900112 (0xFFB2AE50)
YUV	164.4800, -41.6486, 11.8570
Hunter-Lab	63.4951, -12.8801, 31.8131

Details

The HunterLab color $63.4951, -12.8801, 31.8131$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $33.5562, 18.4854, -53.4192$, and the grayscale version is $61.2839, -3.2700, 3.3297$.

A 20% lighter version of the original color is $86.9123, -14.9518, 38.4013$, and $42.6777, -10.5366, 24.5871$ is the 20% darker color. If you saturate the color by 10%, you get $63.0946, -13.5696, 34.3310$, and if you desaturate by 10%, it is $63.9517, -11.8998, 28.5307$.

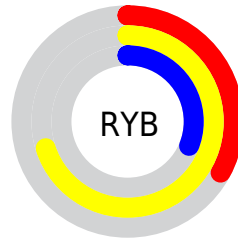
Distribution



Red (70%)

Green (68%)

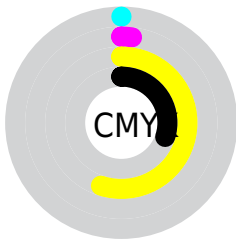
Blue (31%)



Red (33%)

Yellow (70%)

Blue (31%)

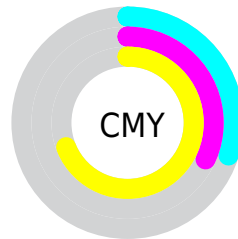


Cyan (0%)

Magenta (2%)

Yellow (55%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4951, -12.8801, 31.8131 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 63.4951, -12.8801, 31.8131 by changing the saturation by 10% instead.

63.4951, -12.8801,
31.8131

63.4951, -12.8801,
31.8131

186.4035,
-23.7596, 58.7203

52.7131, -11.6994,
28.2837

86.9757, -15.2469,
38.4158

42.6203, -10.5091,
24.5572

99.6065, -16.4354,
41.5382

33.2693, -9.3029,
20.5927

112.7958,
-17.6311, 44.5666

24.7243, -8.0672,
16.7618

126.5206,
-18.8355, 47.5155

17.0700, -6.7785,
11.9490

140.7610,
-20.0498, 50.3964

10.4256, -5.4515,
7.2979

155.4989,

0.0000, NaN, NaN

-21.2748, 53.2191

0.0000, NaN, NaN

170.7180,
-22.5112, 55.9915

0.0000, NaN, NaN

■ 63.4951, -12.8801,
31.8131

■ 63.4951, -12.8801,
31.8131

■ 63.0946, -13.5696,
34.3310

■ 63.9517, -11.8998,
28.5307

■ 62.7424, -13.9796,
36.1274

■ 64.4627, -10.6094,
24.4500

■ 62.4355, -14.1359,
37.2630

■ 65.0319, -9.0023,
19.5505

■ 62.1681, -14.0703,
37.8203

■ 65.6609, -7.0735,
13.8208

■ 62.0435, -13.9957,
37.9859

■ 66.3510, -4.8213,
7.2580

■ 67.1029, -2.2471,
-0.1328

■ 67.9172, 0.6452,
-8.3400

■ 68.7940, 3.8492,
-17.3460

■ 69.7333, 7.3567,
-27.1281

Harmonies

Analogous

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



63.4966, 9.6007, 31.4949



63.4951, -12.8801, 31.8131



63.4966, -30.2383, 26.6794

Triad

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



63.4966, -12.8823, 31.8136



63.4966, -31.8709, -31.4237



63.4966, 43.3129, -9.6241

Complementary

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



63.4951, -12.8801, 31.8131



33.5562, 18.4854, -53.4192

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.



63.4966, 28.8222, -34.3132



63.4951, -12.8801, 31.8131



63.4966, -15.4163, -49.5915

Square

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



63.4966, -12.8823, 31.8136



63.4966, -40.1326, -6.5732



63.4966, 6.6918, -50.8018



63.4966, 44.2407, 12.0769

Rectangle

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



63.4951, -12.8801, 31.8131



63.4966, -37.4292, 19.3285



63.4966, 6.6918, -50.8018



63.4966, 39.7837, -17.9953

Sweetspot

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



63.4966, -12.8823, 31.8136



88.2250, -10.1450, 20.4373



39.8208, 32.8064, 12.3457



41.4466, -5.0241, 10.3563



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



63.4966, -12.8823, 31.8136



84.8616, -18.4186, 46.8144



61.2210, -27.8768, 29.8855



31.3784, -2.7660, 4.8273



52.5034, -11.8714, 32.1445



9.4101, -2.2495, 5.7591

Inverse Universe

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



33.5562, 18.4854, -53.4192



37.4246, 34.8975, -97.3353



36.3933, 30.6378, -45.6568



28.7817, -0.3262, -1.8535



15.6055, 39.2324, -104.1970



3.0811, 5.7428, -16.2481

Previews

White Background



This preview shows how the HunterLab color 63.4951, -12.8801, 31.8131 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63.4951, -12.8801, 31.8131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

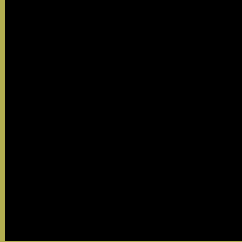
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.4951, -12.8801, 31.8131 Background



This preview shows how black text looks on a background with the HunterLab color 63.4951, -12.8801, 31.8131.



This preview shows how white text looks on a background with the HunterLab color 63.4951, -12.8801, 31.8131.

-12.8801, 31.8131.

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

63.4951, -12.8801, 31.8131

Protanopia

63.3504, -7.2515, 31.9863

Deuteranopia

63.3773, 4.7338, 31.4798



Tritanopia

63.5428, 6.3649, 0.9409

Trichromacy



Original Color

63.4951, -12.8801, 31.8131

Protanomaly

63.2492, -9.1394, 31.8798

Deuteranomaly

63.1565, -1.8580, 31.3903

Tritanomaly

63.3393, -2.1264, 15.4039

Monochromacy



Original Color

63.4951, -12.8801, 31.8131

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.7525, -8.0576, 16.6051

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4951, -12.8801, 31.8131 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(178, 174, 80)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 80)  
}
```

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(178, 174, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4951, -12.8801, 31.8131 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(178, 174, 80) }
```


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

```
.border{ border-color:rgb(178, 174, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 80);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4951, -12.8801, 31.8131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 80) }
```

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

```
.background{ background-color: rgb(178,  
174, 80) }
```

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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