

Converting Colors

HunterLab(62.3061, -50.8213,
31.8337)

Have a look what the booklet for
HunterLab(62.3061, -50.8213,
31.8337) contains.

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Color

**HunterLab(62.4808,
-50.9779, 31.9511)**

Conversions

Conversions Part 1

Format	Color
Hex	00C247
RGB	0, 194, 71
RGB Percent	0%, 76%, 28%
CMY	1.0000, 0.2392, 0.7216
CMYK	1.00, 0.00, 0.63, 0.24
HSL	142°, 100%, 38%
HSV	142°, 100%, 76%
XYZ	20.4291, 39.0385, 12.4197
YIQ	121.9720, -76.1410, -79.3810

Conversions

Conversions Part 2

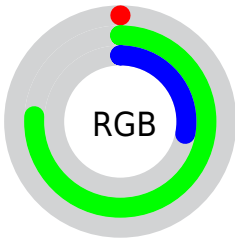
Format	Color
RYB	0, 142, 194
Decimal	49735
CIELab	68.78, -65.92, 49.18
CIELCh	69, 82.242, 143.277
Yxy	39.0401, 0.2842, 0.5430
Android (android.graphics.Color)	4278239815 (0xFF00C247)
YUV	121.9720, -25.1292, -106.9694
Hunter-Lab	62.4808, -50.9779, 31.9511

Details

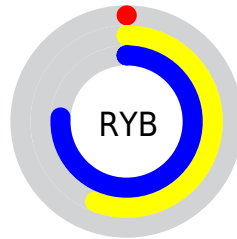
The HunterLab color **62.4808, -50.9779, 31.9511** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **35.9167, 65.4894, -7.6578**, and the grayscale version is **44.2221, -2.3596, 2.4027**.

A 20% lighter version of the original color is **85.8984, -59.5037, 38.7266**, and **43.0021, -36.6539, 25.3764** is the 20% darker color. If you saturate the color by 10%, you get **62.4820, -50.9790, 31.9519**, and if you desaturate by 10%, it is **62.7351, -49.6305, 29.9957**.

Distribution



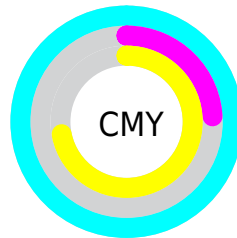
- Red (0%)
- Green (76%)
- Blue (28%)



- Red (0%)
- Yellow (56%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.4808, -50.9779, 31.9511 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 62.4808, -50.9779, 31.9511 by changing the saturation by 10% instead.

■ 62.4808, -50.9779,
31.9511

■ 62.4808, -50.9779,
31.9511

184.9489,
-85.2506, 59.5000

■ 51.7600, -46.3752,
28.3227

■ 85.8485, -59.5059,
38.7294

■ 41.7328, -41.4685,
24.4890

■ 98.4270, -63.5086,
41.9305

■ 32.4526, -36.1713,
20.4095

■ 111.5661,
-67.3747, 45.0328

■ 23.9852, -30.3559,
16.7127

■ 125.2428,
-71.1247, 48.0511

■ 16.4177, -24.7421,
11.4924

■ 139.4367,
-74.7751, 50.9977

■ 9.8735, -17.2787,
6.9115

154.1298,

0.0000, NaN, NaN

-78.3392, 53.8827

0.0000, NaN, NaN

169.3055,
-81.8279, 56.7144

0.0000, NaN, NaN

■ 62.4808, -50.9779,
31.9511

■ 62.4808, -50.9779,
31.9511

■ 62.4820, -50.9790,
31.9519

■ 62.7351, -49.6305,
29.9957

■ 63.1268, -47.6556,
27.7599

■ 63.6958, -44.9077,
25.2816

■ 64.4587, -41.3435,
22.5909

■ 65.4268, -36.9534,
19.7219

■ 66.6066, -31.7554,
16.7112

■ 68.0008, -25.7903,
13.5969

■ 69.6090, -19.1154,
10.4159

■ 71.4276, -11.7994,
7.2031

Harmonies

Analogous

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



62.4821, -29.1804, 39.1879



62.4808, -50.9779, 31.9511



62.4821, -59.7138, 10.8577

Triad

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



62.4821, -50.9786, 31.9514



62.4821, -11.4968, -109.0343



62.4821, 76.9376, 24.7679

Complementary

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



62.4808, -50.9779, 31.9511



35.9167, 65.4894, -7.6578

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.



62.4821, 84.8131, -5.1054



62.4808, -50.9779, 31.9511



62.4821, 27.5370, -97.0347

Square

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



62.4821, -50.9786, 31.9514



62.4821, -40.6323, -79.4819



62.4821, 65.0014, -52.5412



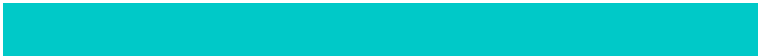
62.4821, 45.4758, 37.0622

Rectangle

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



62.4808, -50.9779, 31.9511



62.4821, -58.8520, -14.3433



62.4821, 65.0014, -52.5412



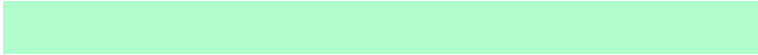
62.4821, 82.6935, 17.1043

Sweetspot

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



62.4821, -50.9786, 31.9514



91.4319, -35.1198, 18.5041



65.5962, -38.8391, 39.7400



42.3952, -18.0986, 9.5085

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.4821, -50.9786, 31.9514



84.0734, -68.7827, 43.3977



64.2637, -40.0341, 6.0983



33.6428, -5.3221, 3.2916



50.6766, -41.2458, 25.6964



10.5968, -8.1816, 4.4166

Inverse Universe

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



35.9167, 65.4894, -7.6578



48.2905, 87.9589, -9.5702



33.9987, 58.4854, 19.9348



31.9107, 1.9721, 0.3035



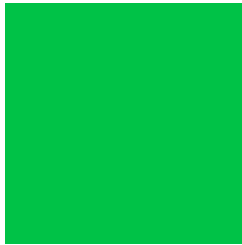
29.1500, 53.2013, -6.5981



6.1646, 11.4364, -2.8331

Previews

White Background



This preview shows how the HunterLab color 62.4808, -50.9779, 31.9511 looks on a white background.

Color Contrast Check

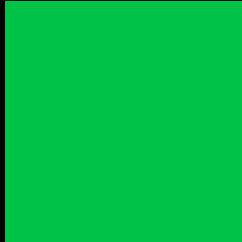
Large Text (above 18pt) WCAG AA × Fail

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 62.4808, -50.9779, 31.9511 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 62.4808, -50.9779, 31.9511 Background



This preview shows how black text looks on a background with the HunterLab color 62.4808, -50.9779, 31.9511.



This preview shows how white text looks on a background with the HunterLab color 62.4808,

-50.9779, 31.9511.

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

62.4808, -50.9779, 31.9511

Protanopia

61.9963, -7.8204, 33.5676

Deuteranopia

61.9553, 4.2237, 30.6113



Tritanopia

62.4989, -24.1667, -11.4547

Trichromacy



Original Color

62.4808, -50.9779, 31.9511



Protanomaly

59.7404, -32.3075, 31.1308



Deuteranomaly

58.9923, -26.5817, 28.6413



Tritanomaly

61.6687, -37.1202, 9.2013

Monochromacy



Original Color

62.4808, -50.9779, 31.9511



Achromatopsia

44.1155, -2.3539, 2.3969



Achromatomaly

48.7635, -26.1089, 13.9888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.4808, -50.9779, 31.9511 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(0, 194, 71)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 71)  
}
```

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(0, 194, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 62.4808, -50.9779, 31.9511 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(0, 194, 71) }
```


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

```
.border{ border-color:rgb(0, 194, 71) }
```

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

Here you see how a box with a 4 pixel rgb(0, 194, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 71);  
box-shadow:4px 4px 4px 4px rgb(0, 194, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 62.4808, -50.9779, 31.9511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 71) }
```

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

```
.background{ background-color: rgb(0, 194,  
71) }
```

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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