

Converting Colors

HunterLab(34.8204, -37.8082,
24.3743)

Have a look what the booklet for
HunterLab(34.8204, -37.8082,
24.3743) contains.

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Color

**HunterLab(36.3231,
-31.1470, 21.8368)**

Conversions

Conversions Part 1

Format	Color
Hex	007700
RGB	0, 119, 0
RGB Percent	0%, 47%, 0%
CMY	1.0000, 0.5333, 1.0000
CMYK	1.00, 0.00, 1.00, 0.53
HSL	120°, 100%, 23%
HSV	120°, 100%, 47%
XYZ	6.5968, 13.1937, 2.1990
YIQ	69.8530, -32.7250, -62.2370

Conversions

Conversions Part 2

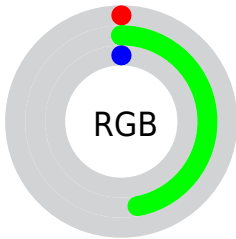
Format	Color
RYB	0, 119, 119
Decimal	30464
CIELab	43.05, -49.06, 47.35
CIELCh	43, 68.185, 136.017
Yxy	13.1942, 0.3000, 0.6000
Android (android.graphics.Color)	4278220544 (0xFF007700)
YUV	69.8530, -34.4375, -61.2611
Hunter-Lab	36.3231, -31.1470, 21.8368

Details

The HunterLab color **36.3231, -31.1470, 21.8368** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22.9214, 45.0635, -30.2274**, and the grayscale version is **24.8231, -1.3245, 1.3487**.

A 20% lighter version of the original color is **56.1286, -38.3761, 29.2508**, and **20.6307, -17.6908, 12.4028** is the 20% darker color. If you saturate the color by 10%, you get **36.3238, -31.1475, 21.8369**, and if you desaturate by 10%, it is **36.4664, -30.4664, 21.3763**.

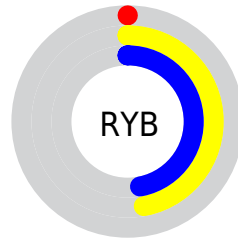
Distribution



Red (0%)

Green (47%)

Blue (0%)



Red (0%)

Yellow (47%)

Blue (47%)

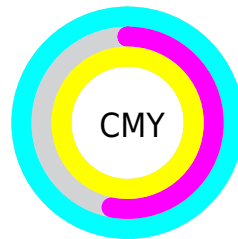


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3231, -31.1470, 21.8368 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 36.3231, -31.1470, 21.8368 by changing the saturation by 10% instead.

■ 36.3231, -31.1470,
21.8368

■ 36.3231, -31.1470,
21.8368

145.6567,
-60.1795, 50.9160

■ 27.4999, -26.9932,
17.7969

■ 56.2604, -38.5829,
29.2877

■ 19.5352, -22.3968,
13.6747

■ 67.2661, -41.9974,
32.7207

■ 12.5352, -19.4313,
8.7747

■ 78.9085, -45.2654,
36.0042

■ 5.8150, -10.1763,
4.0705

■ 91.1545, -48.4148,
39.1638

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.9756,
-51.4663, 42.2200


0.0000, NaN, NaN


■ 117.3471,


0.0000, NaN, NaN


-54.4362, 45.1890


0.0000, NaN, NaN


 131.2473,
-57.3372, 48.0841


 36.3231, -31.1470,
21.8368


 36.3231, -31.1470,
21.8368


 36.3238, -31.1475,
21.8369

 36.4664, -30.4664,
21.3763

 36.6758, -29.4715,
20.7034

 36.9993, -27.9470,
19.6724

 37.4474, -25.8612,
18.2620

 38.0269, -23.2059,
16.4667

■ 38.7417, -19.9930,
14.2947

■ 39.5932, -16.2508,
11.7653

■ 40.5807, -12.0200,
8.9061

■ 41.7014, -7.3492,
5.7501

Harmonies

Analogous

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



36.3239, -14.6196, 24.4346



36.3231, -31.1470, 21.8368



36.3239, -38.5872, 11.6181

Triad

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



36.3239, -31.1475, 21.8369



36.3239, -13.1490, -79.8785



36.3239, 58.9688, 12.7220

Complementary

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



36.3231, -31.1470, 21.8368



22.9214, 45.0635, -30.2274

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.



36.3239, 59.6896, -11.3478



36.3231, -31.1470, 21.8368



36.3239, 12.7593, -78.7049

Square

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



36.3239, -31.1475, 21.8369



36.3239, -30.3308, -50.8785



36.3239, 41.0039, -48.3115



36.3239, 39.2457, 22.1647

Rectangle

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



36.3231, -31.1470, 21.8368



36.3239, -39.2358, -3.3157



36.3239, 41.0039, -48.3115



36.3239, 61.5958, 6.5768

Sweetspot

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



36.3239, -31.1475, 21.8369



52.8884, -22.1518, 16.0180



41.3719, -11.1122, 25.2986



25.5497, -11.6456, 8.3803



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



36.3239, -31.1475, 21.8369



48.6068, -41.6802, 29.2213



36.7630, -28.4071, 15.3723



20.2440, -3.3261, 2.6272



37.4400, -32.1046, 22.5080



82.6493, -70.8717, 49.6871

Inverse Universe

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



22.9214, 45.0635, -30.2274



30.6722, 60.3019, -40.4488



20.5988, 36.8342, 1.2309



19.3854, 1.3111, -0.5416



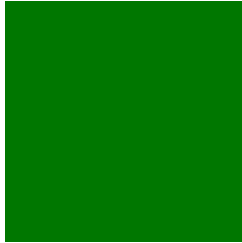
23.6257, 46.4483, -31.1563



52.1540, 102.5352, -68.7774

Previews

White Background



This preview shows how the HunterLab color 36.3231, -31.1470, 21.8368 looks on a white background.

Color Contrast Check

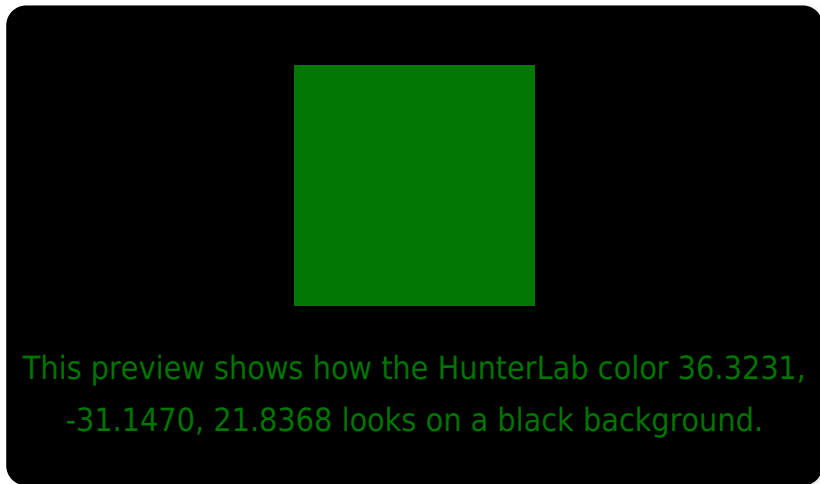
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

HunterLab 36.3231, -31.1470, 21.8368 Background



This preview shows how black text looks on a background with the HunterLab color 36.3231, -31.1470, 21.8368.



This preview shows how white text looks on a background with the HunterLab color 36.3231, -31.1470, 21.8368.

-31.1470, 21.8368.

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

36.3231, -31.1470, 21.8368

Protanopia

36.2596, -5.2585, 22.2509

Deuteranopia

36.0964, 2.4596, 20.6803



Tritanopia

36.6102, -13.4094, -6.4530

Trichromacy



Original Color

36.3231, -31.1470, 21.8368

Protanomaly

34.8448, -19.4320, 21.1310

Deuteranomaly

34.1913, -15.7474, 19.8732

Tritanomaly

35.8657, -23.3605, 10.3882

Monochromacy



Original Color

36.3231, -31.1470, 21.8368

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

27.7971, -16.2447, 11.5487

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3231, -31.1470, 21.8368 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, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 0)  
}
```

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, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3231, -31.1470, 21.8368 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, 119, 0) }
```


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

```
.border{ border-color:rgb(0, 119, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 119, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 119, 0); box-shadow:4px  
4px 4px 4px rgb(0, 119, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3231, -31.1470, 21.8368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 0) }
```

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

```
.background{ background-color: rgb(0, 119,  
0) }
```

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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