

Converting Colors

HunterLab(37.5429, -31.4604,
20.9900)

Have a look what the booklet for
HunterLab(37.5429, -31.4604,
20.9900) contains.

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Color

**HunterLab(37.4142,
-31.3276, 20.8628)**

Conversions

Conversions Part 1

Format	Color
Hex	007A1B
RGB	0, 122, 27
RGB Percent	0%, 48%, 11%
CMY	1.0000, 0.5216, 0.8941
CMYK	1.00, 0.00, 0.78, 0.52
HSL	133°, 100%, 24%
HSV	133°, 100%, 48%
XYZ	7.1574, 13.9982, 3.3616
YIQ	74.6920, -42.2170, -55.4090

Conversions

Conversions Part 2

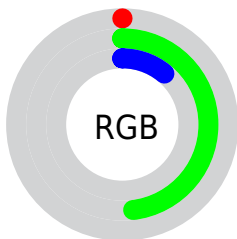
Format	Color
RYB	0, 100, 122
Decimal	31259
CIELab	44.23, -48.47, 41.10
CIELCh	44, 63.553, 139.703
Yxy	13.9988, 0.2919, 0.5709
Android (android.graphics.Color)	4278221339 (0xFF007A1B)
YUV	74.6920, -23.5122, -65.5049
Hunter-Lab	37.4142, -31.3276, 20.8628

Details

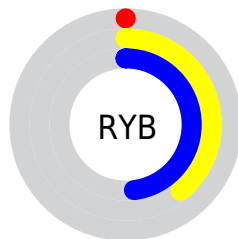
The HunterLab color **37.4142, -31.3276, 20.8628** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22.2800, 41.8631, -14.3485**, and the grayscale version is **26.5083, -1.4144, 1.4402**.

A 20% lighter version of the original color is **57.6372, -38.7946, 27.4222**, and **21.2285, -18.2034, 12.7622** is the 20% darker color. If you saturate the color by 10%, you get **37.4150, -31.3281, 20.8630**, and if you desaturate by 10%, it is **37.5895, -30.4495, 19.9327**.

Distribution



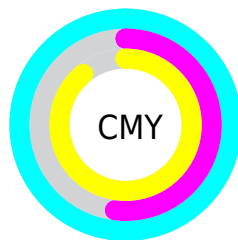
- Red (0%)
- Green (48%)
- Blue (11%)



- Red (0%)
- Yellow (39%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4142, -31.3276, 20.8628 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 37.4142, -31.3276, 20.8628 by changing the saturation by 10% instead.

■ 37.4142, -31.3276,
20.8628

■ 37.4142, -31.3276,
20.8628

147.3850,
-59.9260, 46.5105

■ 28.4953, -27.2648,
17.2787

■ 57.5212, -38.6248,
27.3710

■ 20.4248, -22.7836,
14.1603

■ 68.6038, -41.9837,
30.3802

■ 13.3044, -19.0677,
9.3131

■ 80.3189, -45.2023,
33.2677

■ 6.8441, -11.9772,
4.7909

■ 92.6339, -48.3070,
36.0557

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5210,
-51.3178, 38.7615


0.0000, NaN, NaN


■ 118.9558,


0.0000, NaN, NaN


-54.2502, 41.3990


0.0000, NaN, NaN


 132.9169,
-57.1163, 43.9790


 37.4142, -31.3276,
20.8628


 37.4142, -31.3276,
20.8628


 37.4150, -31.3281,
20.8630

 37.5895, -30.4495,
19.9327

 37.8366, -29.2307,
18.7520

 38.1920, -27.5285,
17.3419

 38.6644, -25.3229,
15.7119

 39.2594, -22.6122,
13.8768

■ 39.9802, -19.4106,
11.8562

■ 40.8278, -15.7450,
9.6731

■ 41.8014, -11.6516,
7.3522

■ 42.8988, -7.1726,
4.9186

Harmonies

Analogous

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



37.4150, -16.4536, 24.3514



37.4142, -31.3276, 20.8628



37.4150, -37.7045, 9.1279

Triad

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



37.4150, -31.3281, 20.8629



37.4150, -9.9719, -73.1391



37.4150, 52.7807, 14.1148

Complementary

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



37.4142, -31.3276, 20.8628



22.2800, 41.8631, -14.3485

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.



37.4150, 55.8016, -6.7890



37.4142, -31.3276, 20.8628



37.4150, 15.0510, -68.3861

Square

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



37.4150, -31.3281, 20.8629



37.4150, -27.6265, -50.0289



37.4150, 40.6078, -39.4933



37.4150, 33.1764, 22.5282

Rectangle

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



37.4142, -31.3276, 20.8628



37.4150, -37.7528, -6.2348



37.4150, 40.6078, -39.4933



37.4150, 55.9309, 8.7662

Sweetspot

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



37.4150, -31.3281, 20.8629



54.0653, -21.2552, 13.0462



40.4761, -19.0664, 24.6073



25.6647, -10.9713, 6.7129



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.



37.4150, -31.3281, 20.8629



49.6076, -41.6655, 27.9387



38.2294, -26.2892, 8.9674



21.1262, -3.3103, 2.3028



38.3885, -32.1537, 21.4283



83.7783, -70.6284, 47.7508

Inverse Universe

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



22.2800, 41.8631, -14.3485



29.5161, 55.4011, -18.5545



20.6314, 35.9075, 8.8681



20.1570, 1.1949, -0.0699



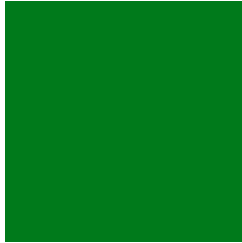
22.8578, 42.9444, -14.6850



49.7908, 93.3252, -30.2821

Previews

White Background



This preview shows how the HunterLab color 37.4142, -31.3276, 20.8628 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



This preview shows how the HunterLab color 37.4142, -31.3276, 20.8628 looks on a 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 37.4142, -31.3276, 20.8628 Background



This preview shows how black text looks on a background with the HunterLab color 37.4142, -31.3276, 20.8628.



This preview shows how white text looks on a background with the HunterLab color 37.4142, -31.3276, 20.8628.

-31.3276, 20.8628.

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

37.4142, -31.3276, 20.8628

Protanopia

37.3456, -5.4063, 21.6306

Deuteranopia

37.1525, 2.2546, 20.1395



Tritanopia

37.6069, -14.0383, -6.6158

Trichromacy



Original Color

37.4142, -31.3276, 20.8628

Protanomaly

35.9036, -19.7104, 20.3515

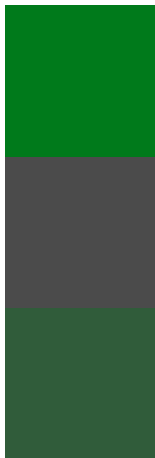
Deuteranomaly

35.3047, -15.7763, 19.0620

Tritanomaly

37.0597, -22.8619, 7.6652

Monochromacy



Original Color

37.4142, -31.3276, 20.8628

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

29.3056, -15.8973, 9.6809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4142, -31.3276, 20.8628 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, 122, 27)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 27)  
}
```

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, 122, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4142, -31.3276, 20.8628 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, 122, 27) }
```


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

```
.border{ border-color:rgb(0, 122, 27) }
```

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

Here you see how a box with a 4 pixel rgb(0, 122, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 27);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.4142, -31.3276, 20.8628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 27) }
```

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

```
.background{ background-color: rgb(0, 122,  
27) }
```

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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