

Converting Colors

HunterLab(37.5837, -31.2039,
20.3840)

Have a look what the booklet for
HunterLab(37.5837, -31.2039,
20.3840) contains.

HunterLab(37.4551, -31.0712, 20.2581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.4551,
-31.0712, 20.2581)**

Conversions

Conversions Part 1

Format	Color
Hex	007A21
RGB	0, 122, 33
RGB Percent	0%, 48%, 13%
CMY	1.0000, 0.5216, 0.8706
CMYK	1.00, 0.00, 0.73, 0.52
HSL	136°, 100%, 24%
HSV	136°, 100%, 48%
XYZ	7.2340, 14.0288, 3.7654
YIQ	75.3760, -44.1430, -53.5430

Conversions

Conversions Part 2

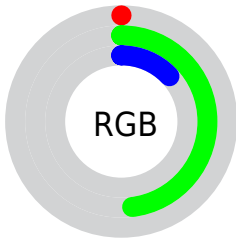
Format	Color
RYB	0, 96, 122
Decimal	31265
CIELab	44.28, -47.91, 38.76
CIELCh	44, 61.626, 141.026
Yxy	14.0294, 0.2890, 0.5605
Android (android.graphics.Color)	4278221345 (0xFF007A21)
YUV	75.3760, -20.8914, -66.1048
Hunter-Lab	37.4551, -31.0712, 20.2581

Details

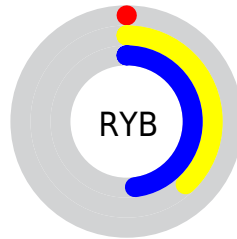
The HunterLab color **37.4551, -31.0712, 20.2581** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22.0431, 41.0214, -11.1199**, and the grayscale version is **26.7443, -1.4270, 1.4531**.

A 20% lighter version of the original color is **57.7017, -38.4011, 26.4744**, and **21.5284, -18.4606, 12.9425** is the 20% darker color. If you saturate the color by 10%, you get **37.4559, -31.0717, 20.2583**, and if you desaturate by 10%, it is **37.6373, -30.1513, 19.2278**.

Distribution



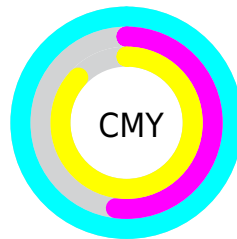
- Red (0%)
- Green (48%)
- Blue (13%)



- Red (0%)
- Yellow (38%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4551, -31.0712, 20.2581 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 37.4551, -31.0712, 20.2581 by changing the saturation by 10% instead.

■ 37.4551, -31.0712,
20.2581

■ 37.4551, -31.0712,
20.2581

147.4496,
-59.3805, 44.6747

■ 28.5327, -27.0557,
16.8607

■ 57.5684, -38.2874,
26.4295

■ 20.4582, -22.6285,
13.6941

■ 68.6539, -41.6108,
29.2874

■ 13.3334, -18.8821,
9.3334

■ 80.3716, -44.7963,
32.0331

■ 6.8795, -12.0392,
4.8157

■ 92.6892, -47.8701,
34.6878

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5788,
-50.8517, 37.2677

0.0000, NaN, NaN

■ 119.0159,

0.0000, NaN, NaN

-53.7564, 39.7857

0.0000, NaN, NaN

132.9793,
-56.5961, 42.2519

37.4551, -31.0712,
20.2581

37.4551, -31.0712,
20.2581

37.4559, -31.0717,
20.2583

37.6373, -30.1513,
19.2278

37.8893, -28.9037,
17.9759

38.2475, -27.1878,
16.5287

38.7200, -24.9849,
14.8991

39.3125, -22.2938,
13.1038

■ 40.0279, -19.1283,
11.1631

■ 40.8675, -15.5142,
9.0990

■ 41.8303, -11.4863,
6.9349

■ 42.9144, -7.0850,
4.6936

Harmonies

Analogous

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



37.4559, -16.8835, 24.0669



37.4551, -31.0712, 20.2581



37.4559, -37.0193, 8.1474

Triad

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



37.4559, -31.0717, 20.2583



37.4559, -8.7966, -70.1988



37.4559, 50.2439, 14.4219

Complementary

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



37.4551, -31.0712, 20.2581



22.0431, 41.0214, -11.1199

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.



37.4559, 53.9486, -5.3111



37.4551, -31.0712, 20.2581



37.4559, 15.6439, -64.4396

Square

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



37.4559, -31.0717, 20.2583



37.4559, -26.4104, -49.1904



37.4559, 40.0363, -36.3634



37.4559, 30.8959, 22.4330

Rectangle

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



37.4551, -31.0712, 20.2581



37.4559, -36.8541, -7.1565



37.4559, 40.0363, -36.3634



37.4559, 53.5208, 9.3681

Sweetspot

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



37.4559, -31.0717, 20.2583



54.1190, -20.9433, 12.2715



40.0833, -20.6048, 24.3384



25.6922, -10.8103, 6.3149



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.



37.4559, -31.0717, 20.2583



49.6594, -41.3413, 27.1741



38.3659, -25.4562, 6.9987



21.1332, -3.2709, 2.2018



38.4303, -31.8918, 20.8107



83.8598, -70.1180, 46.5471

Inverse Universe

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



22.0431, 41.0214, -11.1199



29.1971, 54.2666, -14.1999



20.5520, 35.6147, 10.0329



20.1492, 1.1528, 0.0417



22.6145, 42.0793, -11.3665



49.2412, 91.3686, -22.7659

Previews

White Background



This preview shows how the HunterLab color 37.4551, -31.0712, 20.2581 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 37.4551, -31.0712, 20.2581 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 37.4551, -31.0712, 20.2581 Background



This preview shows how black text looks on a background with the HunterLab color 37.4551, -31.0712, 20.2581.



This preview shows how white text looks on a background with the HunterLab color 37.4551,

-31.0712, 20.2581.

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

37.4551, -31.0712, 20.2581

Protanopia

37.3815, -5.2063, 21.0995

Deuteranopia

37.1977, 2.4968, 19.4733



Tritanopia

37.6069, -14.0383, -6.6158

Trichromacy



Original Color

37.4551, -31.0712, 20.2581



Protanomaly

35.9423, -19.4795, 19.7802



Deuteranomaly

35.3566, -15.4717, 18.2969



Tritanomaly

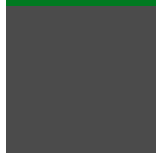
37.1050, -22.5883, 7.0123

Monochromacy



Original Color

37.4551, -31.0712, 20.2581



Achromatopsia

26.5255, -1.4153, 1.4412



Achromatomaly

29.3410, -15.6863, 9.1666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4551, -31.0712, 20.2581 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 33)  
}
```

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, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4551, -31.0712, 20.2581 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, 33) }
```


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

```
.border{ border-color:rgb(0, 122, 33) }
```

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, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 33);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.4551, -31.0712, 20.2581 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, 33) }
```

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

```
.background{ background-color: rgb(0, 122,  
33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor