

Converting Colors

HunterLab(61.6215, -53.0504,
37.1301)

Have a look what the booklet for
HunterLab(61.6215, -53.0504,
37.1301) contains.

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Color

**HunterLab(61.7575,
-52.9571, 37.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	00C100
RGB	0, 193, 0
RGB Percent	0%, 76%, 0%
CMY	1.0000, 0.2431, 0.9999
CMYK	1.00, 0.00, 1.00, 0.24
HSL	120°, 100%, 38%
HSV	120°, 100%, 76%
XYZ	19.0699, 38.1399, 6.3566
YIQ	113.2910, -53.0750, -100.9390

Conversions

Conversions Part 2

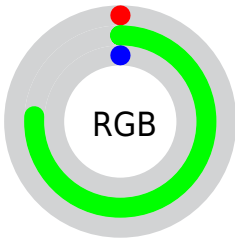
Format	Color
RYB	0, 193, 193
Decimal	49408
CIELab	68.12, -69.89, 67.45
CIELCh	68, 97.132, 136.017
Yxy	38.1415, 0.3000, 0.6000
Android (android.graphics.Color)	4278239488 (0xFF00C100)
YUV	113.2910, -55.8525, -99.3562
Hunter-Lab	61.7575, -52.9571, 37.1276

Details

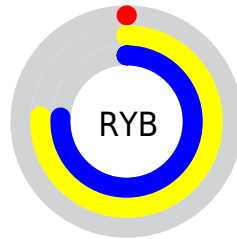
The HunterLab color **61.7575, -52.9571, 37.1276** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **38.9710, 76.6166, -51.3871**, and the grayscale version is **40.9723, -2.1862, 2.2261**.

A 20% lighter version of the original color is **85.0786, -62.0531, 46.1837**, and **42.6344, -36.5590, 25.6311** is the 20% darker color. If you saturate the color by 10%, you get **61.7588, -52.9579, 37.1278**, and if you desaturate by 10%, it is **61.9121, -52.2248, 36.6319**.

Distribution



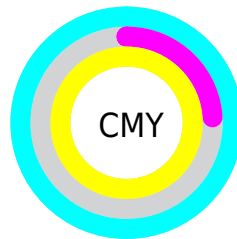
- Red (0%)
- Green (76%)
- Blue (0%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7575, -52.9571, 37.1276 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 61.7575, -52.9571, 37.1276 by changing the saturation by 10% instead.

■ 61.7575, -52.9571,
37.1276

■ 61.7575, -52.9571,
37.1276

183.9094,
-89.1236, 73.4034

■ 51.0808, -48.0667,
32.2845

■ 85.0441, -61.9958,
46.1739

■ 41.1009, -42.8439,
27.1979

■ 97.5849, -66.2286,
50.4279

■ 31.8718, -37.1949,
22.3103

■ 110.6880,
-70.3113, 54.5330

■ 23.4605, -30.9829,
16.4223

■ 124.3301,
-74.2665, 58.5084

■ 15.9558, -25.6740,
11.1690

■ 138.4908,
-78.1119, 62.3702

■ 9.4843, -16.5976,
6.6390

■ 153.1516,

0.0000, NaN, NaN

-81.8623, 66.1325

0.0000, NaN, NaN

168.2961,
-85.5295, 69.8068

0.0000, NaN, NaN

■ 61.7575, -52.9571,
37.1276

■ 61.7575, -52.9571,
37.1276

■ 61.7588, -52.9579,
37.1278

■ 61.9121, -52.2248,
36.6319

■ 62.2165, -50.7749,
35.6510

■ 62.7237, -48.3781,
34.0300

■ 63.4558, -44.9577,
31.7169

■ 64.4279, -40.4862,
28.6935

■ 65.6486, -34.9779,
24.9697

■ 67.1216, -28.4818,
20.5788

■ 68.8460, -21.0731,
15.5720

■ 70.8170, -12.8442,
10.0121

Harmonies

Analogous

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



61.7588, -24.8566, 41.4275



61.7575, -52.9571, 37.1276



61.7588, -65.6071, 19.7536

Triad

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



61.7588, -52.9579, 37.1278



61.7588, -22.3564, -135.8123



61.7588, 100.2609, 21.6303

Complementary

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



61.7575, -52.9571, 37.1276



38.9710, 76.6166, -51.3871

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.



61.7588, 101.4863, -19.2941



61.7575, -52.9571, 37.1276



61.7588, 21.6937, -133.8171

Square

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



61.7588, -52.9579, 37.1278



61.7588, -51.5694, -86.5053



61.7588, 69.7162, -82.1412



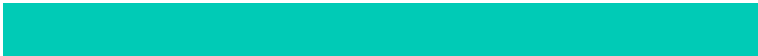
61.7588, 66.7270, 37.6851

Rectangle

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



61.7575, -52.9571, 37.1276



61.7588, -66.7100, -5.6374



61.7588, 69.7162, -82.1412



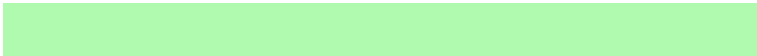
61.7588, 104.7275, 11.1820

Sweetspot

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



61.7588, -52.9579, 37.1278



89.7261, -38.5529, 27.8351



70.3416, -18.8932, 43.0134



41.1551, -19.6283, 14.0899



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



61.7588, -52.9579, 37.1278



82.6493, -70.8716, 49.6869



62.4462, -48.6665, 27.0047



33.5542, -5.8176, 4.5615



50.3663, -43.1888, 30.2788



10.4693, -8.9772, 6.2934

Inverse Universe

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



38.9710, 76.6166, -51.3871



52.1534, 102.5330, -68.7690



34.9166, 62.2410, 3.6077



32.0118, 2.5132, -1.1310



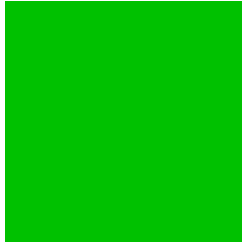
31.7821, 62.4834, -41.9080



6.6064, 12.9881, -8.7117

Previews

White Background



This preview shows how the HunterLab color 61.7575, -52.9571, 37.1276 looks on a white background.

Color Contrast Check

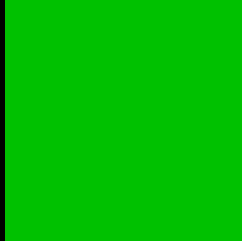
Large Text (above 18pt) WCAG AA × Fail

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 61.7575, -52.9571, 37.1276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

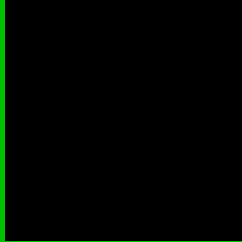
Any Text WCAG AA ✓ Pass

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 61.7575, -52.9571, 37.1276 Background



This preview shows how black text looks on a background with the HunterLab color 61.7575, -52.9571, 37.1276.



This preview shows how white text looks on a background with the HunterLab color 61.7575, -52.9571, 37.1276.

-52.9571, 37.1276.

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

61.7575, -52.9571, 37.1276

Protanopia

61.1141, -8.5058, 37.5093

Deuteranopia

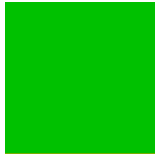
60.9996, 4.5609, 35.5384



Tritanopia

61.5504, -22.8835, -11.6380

Trichromacy



Original Color

61.7575, -52.9571, 37.1276



Protanomaly

58.7465, -33.5254, 35.6124



Deuteranomaly

57.7586, -27.2112, 34.0498



Tritanomaly

60.3665, -40.1989, 18.0891

Monochromacy



Original Color

61.7575, -52.9571, 37.1276



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

46.0343, -28.1544, 19.9770

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7575, -52.9571, 37.1276 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, 193, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 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, 193, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7575, -52.9571, 37.1276 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, 193, 0) }
```


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

```
.border{ border-color:rgb(0, 193, 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, 193, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 193, 0); box-shadow:4px  
4px 4px 4px rgb(0, 193, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7575, -52.9571, 37.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 0) }
```

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

```
.background{ background-color: rgb(0, 193,  
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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