

Converting Colors

HunterLab(47.7571, -49.1363,
20.8499)

Have a look what the booklet for
HunterLab(47.7571, -49.1363,
20.8499) contains.

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Color

**HunterLab(49.9347,
-39.3799, 22.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	009E49
RGB	0, 158, 73
RGB Percent	0%, 62%, 29%
CMY	1.0000, 0.3804, 0.7137
CMYK	1.00, 0.00, 0.54, 0.38
HSL	148°, 100%, 31%
HSV	148°, 100%, 62%
XYZ	13.4294, 24.9347, 10.4084
YIQ	101.0680, -66.8830, -59.9310

Conversions

Conversions Part 2

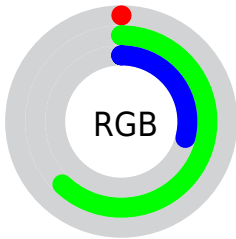
Format	Color
RYB	0, 108, 158
Decimal	40521
CIELab	57.01, -54.28, 34.44
CIELCh	57, 64.286, 147.611
Yxy	24.9358, 0.2753, 0.5112
Android (android.graphics.Color)	4278230601 (0xFF009E49)
YUV	101.0680, -13.8375, -88.6366
Hunter-Lab	49.9347, -39.3799, 22.5959

Details

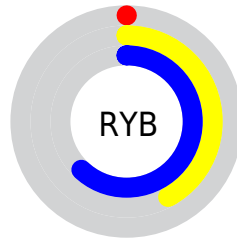
The HunterLab color $[49.9347, -39.3799, 22.5959]$ is a dark color, and the websafe version is hex 009933 . A complement of this color would be $[28.1522, 50.5405, 0.1293]$, and the grayscale version is $[36.1699, -1.9299, 1.9652]$.

A 20% lighter version of the original color is $[71.8317, -47.0653, 27.9713]$, and $[31.8890, -26.6065, 17.5774]$ is the 20% darker color. If you saturate the color by 10%, you get $[49.9356, -39.3808, 22.5967]$, and if you desaturate by 10%, it is $[50.1645, -38.1787, 20.9249]$.

Distribution



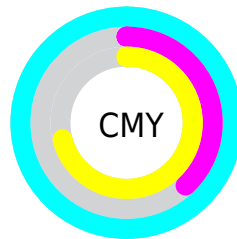
- Red (0%)
- Green (62%)
- Blue (29%)



- Red (0%)
- Yellow (42%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9347, -39.3799, 22.5959 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 49.9347, -39.3799, 22.5959 by changing the saturation by 10% instead.

■ 49.9347, -39.3799,
22.5959

■ 49.9347, -39.3799,
22.5959

166.5887,
-69.4742, 43.9516

■ 40.0365, -35.2685,
19.7891

■ 71.8004, -46.9196,
27.8147

■ 30.8947, -30.8348,
16.7977

■ 83.6854, -50.4370,
30.2798

■ 22.5792, -25.9644,
13.5770

■ 96.1622, -53.8269,
32.6735

■ 15.1822, -21.1025,
10.6276

■ 109.2039,
-57.1109, 35.0092

■ 8.8111, -15.4194,
6.1678

■ 122.7872,
-60.3054, 37.2973

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.8911,

-63.4240, 39.5462

0.0000, NaN, NaN

151.4972,
-66.4773, 41.7624

0.0000, NaN, NaN

■ 49.9347, -39.3799,
22.5959

■ 49.9347, -39.3799,
22.5959

■ 49.9356, -39.3808,
22.5967

■ 50.1645, -38.1787,
20.9249

■ 50.4913, -36.5455,
19.1135

■ 50.9510, -34.3476,
17.2026

■ 51.5556, -31.5559,
15.2181

■ 52.3131, -28.1642,
13.1864

■ 53.2284, -24.1854,
11.1337

■ 54.3034, -19.6478,
9.0849

■ 55.5379, -14.5914,
7.0629

■ 56.9297, -9.0640,
5.0878

Harmonies

Analogous

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



49.9357, -24.5232, 29.6648



49.9347, -39.3799, 22.5959



49.9357, -44.6728, 4.7330

Triad

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



49.9357, -39.3804, 22.5962



49.9357, -4.8125, -76.0853



49.9357, 52.1668, 20.6177

Complementary

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



49.9347, -39.3799, 22.5959



28.1522, 50.5405, 0.1293

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.



49.9357, 60.5118, 0.6157



49.9347, -39.3799, 22.5959



49.9357, 23.7450, -63.8349

Square

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



49.9357, -39.3804, 22.5962



49.9357, -27.5451, -59.5556



49.9357, 49.1705, -31.6331



49.9357, 28.2967, 29.0235

Rectangle

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



49.9347, -39.3799, 22.5959



49.9357, -43.1420, -14.6522



49.9357, 49.1705, -31.6331



49.9357, 57.0763, 15.4709

Sweetspot

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



49.9357, -39.3804, 22.5962



73.0859, -26.8572, 12.4046



51.4551, -34.0253, 31.1105



34.4191, -13.9392, 6.4098



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



49.9357, -39.3804, 22.5962



67.2621, -53.2505, 30.8808



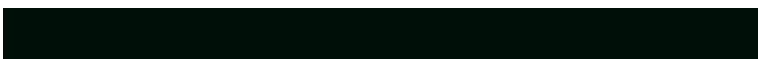
51.6333, -29.0275, -1.8748



27.2938, -4.1305, 2.3648



44.6967, -35.1880, 20.0939



6.0471, -4.2709, 1.6612

Inverse Universe

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



28.1522, 50.5405, 0.1293



37.8828, 67.9120, 0.9399



26.9941, 46.2913, 16.9454



25.8898, 1.4020, 0.5695



25.2094, 45.2875, -0.1101



3.4948, 6.5010, -1.7428

Previews

White Background



This preview shows how the HunterLab color 49.9347, -39.3799, 22.5959 looks on a white background.

Color Contrast Check

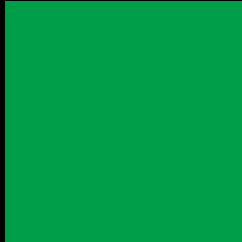
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.9347, -39.3799, 22.5959 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 × Fail

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

HunterLab 49.9347, -39.3799, 22.5959 Background



This preview shows how black text looks on a background with the HunterLab color 49.9347, -39.3799, 22.5959.



This preview shows how white text looks on a background with the HunterLab color 49.9347,

-39.3799, 22.5959.

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

49.9347, -39.3799, 22.5959

Protanopia

49.5792, -5.5768, 24.2891

Deuteranopia

49.5417, 3.1891, 21.5004



Tritanopia

50.0602, -19.4826, -9.4292

Trichromacy



Original Color

49.9347, -39.3799, 22.5959

Protanomaly

47.8153, -24.4272, 22.0545

Deuteranomaly

47.2178, -20.0916, 19.9274

Tritanomaly

49.4700, -28.7417, 5.0884

Monochromacy



Original Color

49.9347, -39.3799, 22.5959

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

39.7044, -20.1996, 9.3322

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9347, -39.3799, 22.5959 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, 158, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 73)  
}
```

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, 158, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9347, -39.3799, 22.5959 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, 158, 73) }
```


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

```
.border{ border-color:rgb(0, 158, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 73);  
box-shadow:4px 4px 4px 4px rgb(0, 158, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.9347, -39.3799, 22.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 73) }
```

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

```
.background{ background-color: rgb(0, 158,  
73) }
```

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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