

Converting Colors

HunterLab(46.5706, -51.5351,
15.2920)

Have a look what the booklet for
HunterLab(46.5706, -51.5351,
15.2920) contains.

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Color

**HunterLab(49.8691,
-37.3555, 18.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	009D5B
RGB	0, 157, 91
RGB Percent	0%, 62%, 36%
CMY	1.0000, 0.3843, 0.6431
CMYK	1.00, 0.00, 0.42, 0.38
HSL	155°, 100%, 31%
HSV	155°, 100%, 62%
XYZ	13.9453, 24.8693, 13.9628
YIQ	102.5330, -72.3860, -53.8100

Conversions

Conversions Part 2

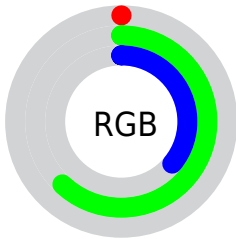
Format	Color
RYB	0, 99, 157
Decimal	40283
CIELab	56.95, -50.72, 24.92
CIELCh	57, 56.507, 153.835
Yxy	24.8703, 0.2642, 0.4712
Android (android.graphics.Color)	4278230363 (0xFF009D5B)
YUV	102.5330, -5.6858, -89.9214
Hunter-Lab	49.8691, -37.3555, 18.3078

Details

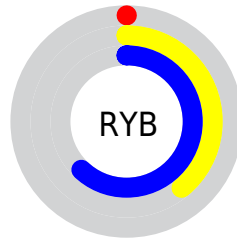
The HunterLab color **49.8691, -37.3555, 18.3078** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **27.4991, 48.5221, 6.6783**, and the grayscale version is **36.6942, -1.9579, 1.9937**.

A 20% lighter version of the original color is **71.8444, -44.4803, 22.3722**, and **31.7529, -25.1836, 14.6757** is the 20% darker color. If you saturate the color by 10%, you get **49.8700, -37.3566, 18.3090**, and if you desaturate by 10%, it is **50.0967, -36.1751, 16.6765**.

Distribution



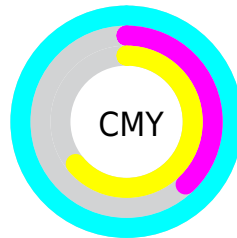
- Red (0%)
- Green (62%)
- Blue (36%)



- Red (0%)
- Yellow (39%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8691, -37.3555, 18.3078 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 49.8691, -37.3555, 18.3078 by changing the saturation by 10% instead.

■ 49.8691, -37.3555,
18.3078

■ 49.8691, -37.3555,
18.3078

166.4906,
-65.7694, 35.1981

■ 39.9755, -33.5007,
16.1818

■ 71.7263, -44.4413,
22.3183

■ 30.8388, -29.3502,
13.9355

■ 83.6074, -47.7547,
24.2397

■ 22.5289, -24.7970,
11.5217

■ 96.0805, -50.9526,
26.1221

■ 15.1381, -20.0616,
9.4178

■ 109.1188,
-54.0547, 27.9744

■ 8.7708, -15.3490,
6.1396

■ 122.6986,
-57.0763, 29.8033

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.7993,

-60.0297, 31.6142

0.0000, NaN, NaN

151.4022,
-62.9247, 33.4113

0.0000, NaN, NaN

■ 49.8691, -37.3555,
18.3078

■ 49.8691, -37.3555,
18.3078

■ 49.8700, -37.3566,
18.3090

■ 50.0967, -36.1751,
16.6765

■ 50.4144, -34.6059,
14.9933

■ 50.8578, -32.5175,
13.3028

■ 51.4385, -29.8800,
11.6309

■ 52.1647, -26.6849,
10.0014

■ 53.0412, -22.9411,
8.4364

■ 54.0704, -18.6722,
6.9549

■ 55.2527, -13.9127,
5.5729

■ 56.5862, -8.7047,
4.3030

Harmonies

Analogous

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



49.8701, -25.6057, 26.9803



49.8691, -37.3555, 18.3078



49.8701, -40.5034, -0.2761

Triad

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



49.8701, -37.3560, 18.3081



49.8701, 0.4245, -62.8881



49.8701, 41.1633, 21.3356

Complementary

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



49.8691, -37.3555, 18.3078



27.4991, 48.5221, 6.6783

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.



49.8701, 51.4976, 5.5308



49.8691, -37.3555, 18.3078



49.8701, 25.3615, -48.4527

Square

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



49.8701, -37.3560, 18.3081



49.8701, -21.2257, -54.0465



49.8701, 45.2358, -20.4601



49.8701, 19.0863, 28.0669

Rectangle

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



49.8691, -37.3555, 18.3078



49.8701, -37.9051, -18.1971



49.8701, 45.2358, -20.4601



49.8701, 46.2953, 17.2589

Sweetspot

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



49.8701, -37.3560, 18.3081



72.2723, -25.3392, 9.4193



50.3440, -36.8890, 30.3757



33.6409, -12.9617, 4.7755



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



49.8701, -37.3560, 18.3081



66.7079, -50.1716, 24.9271



48.1228, -23.2052, -10.0552



27.3172, -4.0001, 2.0303



44.9509, -33.6140, 16.3782



6.0796, -4.0721, 1.1915

Inverse Universe

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



27.4991, 48.5221, 6.6783



36.7497, 64.7528, 9.6555



27.1953, 44.4233, 17.5348



25.8652, 1.2700, 0.9194



24.7960, 43.7810, 5.8126



3.4379, 6.2975, -0.9568

Previews

White Background



This preview shows how the HunterLab color 49.8691, -37.3555, 18.3078 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 49.8691, -37.3555, 18.3078 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 49.8691, -37.3555, 18.3078 Background



This preview shows how black text looks on a background with the HunterLab color 49.8691, -37.3555, 18.3078.



This preview shows how white text looks on a background with the HunterLab color 49.8691, -37.3555, 18.3078.

-37.3555, 18.3078.

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

49.8691, -37.3555, 18.3078

Protanopia

49.5265, -5.2965, 20.6284

Deuteranopia

49.4018, 3.2930, 16.9259



Tritanopia

49.9676, -19.8359, -9.5664

Trichromacy



Original Color

49.8691, -37.3555, 18.3078

Protanomaly

47.9563, -23.3679, 18.2566

Deuteranomaly

47.3362, -19.0230, 15.2748

Tritanomaly

49.6260, -27.7298, 2.2653

Monochromacy



Original Color

49.8691, -37.3555, 18.3078

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

40.2803, -19.1661, 7.1097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8691, -37.3555, 18.3078 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, 157, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 91)  
}
```

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, 157, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8691, -37.3555, 18.3078 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, 157, 91) }
```


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

```
.border{ border-color:rgb(0, 157, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 157, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.8691, -37.3555, 18.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 91) }
```

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

```
.background{ background-color: rgb(0, 157,  
91) }
```

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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