

# Converting Colors

HunterLab(48.3517, -37.0579,  
19.5619)

Have a look what the booklet for  
HunterLab(48.3517, -37.0579,  
19.5619) contains.

<b>HunterLab(48.3493, -37.0730, 19.5975)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(48.3493,  
-37.0730, 19.5975)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009951
RGB	0, 153, 81
RGB Percent	0%, 60%, 32%
CMY	1.0000, 0.4000, 0.6823
CMYK	1.00, 0.00, 0.47, 0.40
HSL	152°, 100%, 30%
HSV	152°, 100%, 60%
XYZ	12.8764, 23.3765, 11.6180
YIQ	99.0450, -68.0760, -54.8280

# Conversions

## Conversions Part 2

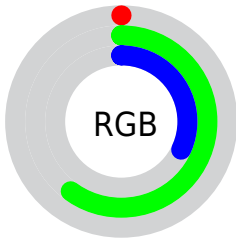
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 100, 153
Decimal	39249
CIELab	55.46, -51.21, 28.34
CIELCh	55, 58.533, 151.038
Yxy	23.3775, 0.2690, 0.4883
Android (android.graphics.Color)	4278229329 (0xFF009951)
YUV	99.0450, -8.8962, -86.8625
Hunter-Lab	48.3493, -37.0730, 19.5975

# Details

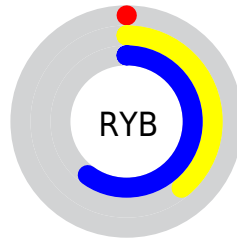
The HunterLab color **48.3493, -37.0730, 19.5975** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.9085, 47.8194, 3.9068**, and the grayscale version is **35.3919, -1.8884, 1.9229**.

A 20% lighter version of the original color is **70.1556, -44.5720, 24.3022**, and **30.3806, -24.6943, 15.3346** is the 20% darker color. If you saturate the color by 10%, you get **48.3502, -37.0739, 19.5984**, and if you desaturate by 10%, it is **48.5751, -35.8992, 17.9805**.

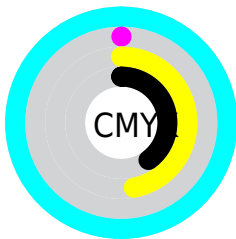
# Distribution



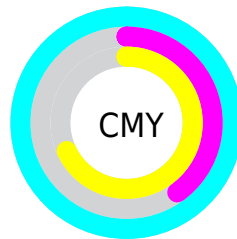
- Red (0%)
- Green (60%)
- Blue (32%)



- Red (0%)
- Yellow (39%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3493, -37.0730, 19.5975 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 48.3493, -37.0730, 19.5975 by changing the saturation by 10% instead.



■ 48.3493, -37.0730,  
19.5975

■ 48.3493, -37.0730,  
19.5975

164.2127,  
-65.8606, 38.1338

■ 38.5649, -33.1431,  
17.2096

■ 70.0089, -44.2765,  
24.0632

■ 29.5465, -28.9004,  
14.6706

■ 81.7992, -47.6378,  
26.1864

■ 21.3669, -24.2292,  
11.9251

■ 94.1859, -50.8785,  
28.2572

■ 14.1232, -19.9576,  
9.8862

■ 107.1415,  
-54.0193, 30.2867

■ 7.7740, -13.6045,  
5.4418

■ 120.6421,  
-57.0763, 32.2830

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.6664,

-60.0623, 34.2530

0.0000, NaN, NaN

149.1956,  
-62.9876, 36.2018

0.0000, NaN, NaN

■ 48.3493, -37.0730,  
19.5975

■ 48.3493, -37.0730,  
19.5975

■ 48.3502, -37.0739,  
19.5984

■ 48.5751, -35.8992,  
17.9805

■ 48.8898, -34.3368,  
16.2783

■ 49.3288, -32.2550,  
14.5336

■ 49.9034, -29.6260,  
12.7717

■ 50.6213, -26.4428,  
11.0167

■ 51.4870, -22.7160,  
9.2917

■ 52.5029, -18.4704,  
7.6175

■ 53.6687, -13.7415,  
6.0123

■ 54.9827, -8.5721,  
4.4912

# Harmonies

## Analogous

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



48.3503, -24.4098, 27.3383



48.3493, -37.0730, 19.5975



48.3503, -41.0189, 1.8186

# Triad

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



48.3503, -37.0735, 19.5978



48.3503, -1.7320, -66.3208



48.3503, 44.3657, 20.4097

# Complementary

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



48.3493, -37.0730, 19.5975



26.9085, 47.8194, 3.9068

# 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.



48.3503, 53.6221, 3.4311



48.3493, -37.0730, 19.5975



48.3503, 23.9703, -53.1067

# Square

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



48.3503, -37.0735, 19.5978



48.3503, -23.2075, -54.7127



48.3503, 45.5151, -24.2452



48.3503, 22.2102, 27.6177



# Rectangle

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



48.3493, -37.0730, 19.5975



48.3503, -38.9466, -16.2173



48.3503, 45.5151, -24.2452



48.3503, 49.2651, 16.0334

# Sweetspot

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



48.3503, -37.0735, 19.5978



70.1734, -25.0750, 10.3252



49.2315, -34.6254, 29.7298



32.7197, -12.8408, 5.2535



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

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



48.3503, -37.0735, 19.5978



64.6737, -49.7939, 26.6543



49.2519, -25.5619, -6.3794



26.4149, -3.9110, 2.0991



43.9626, -33.6558, 17.7038



5.4433, -3.6974, 1.1781



# Inverse Universe

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



26.9085, 47.8194, 3.9068



35.9576, 63.8061, 5.9664



26.1305, 44.2038, 16.8750



25.0373, 1.2689, 0.7487



24.4756, 43.5224, 3.3572



3.1117, 5.7515, -1.2649



# Previews

## White Background



This preview shows how the HunterLab color 48.3493, -37.0730, 19.5975 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 48.3493, -37.0730, 19.5975 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 48.3493, -37.0730, 19.5975 Background



This preview shows how black text looks on a background with the HunterLab color 48.3493, -37.0730, 19.5975.



This preview shows how white text looks on a background with the HunterLab color 48.3493,

-37.0730, 19.5975.

# 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

48.3493, -37.0730, 19.5975

### Protanopia

47.9618, -5.2899, 21.6691

### Deuteranopia

47.8491, 3.2694, 18.1016



## Tritanopia

48.5290, -19.1921, -8.8595

# Trichromacy



## Original Color

48.3493, -37.0730, 19.5975

## Protanomaly

46.4255, -23.2016, 19.4689

## Deuteranomaly

45.8595, -18.7137, 16.8195

## Tritanomaly

48.1229, -27.4067, 3.5849

# Monochromacy



## Original Color

48.3493, -37.0730, 19.5975

## Achromatopsia

35.3231, -1.8847, 1.9192

## Achromatomaly

38.7597, -19.1123, 8.0606

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 48.3493, -37.0730, 19.5975 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, 153, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 81)  
}
```

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, 153, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 81) }
```

## Border

The CSS property to change the border of an element to HunterLab 48.3493, -37.0730, 19.5975 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, 153, 81) }
```



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

```
.border{ border-color:rgb(0, 153, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 81)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 48.3493, -37.0730, 19.5975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 81) }
```

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

```
.background{ background-color: rgb(0, 153,  
81) }
```

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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