

Converting Colors

HunterLab(49.9850, -19.3812,
22.3590)

Have a look what the booklet for
HunterLab(49.9850, -19.3812,
22.3590) contains.

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Color

**HunterLab(49.9311,
-19.2605, 22.3110)**

Conversions

Conversions Part 1	
Format	Color
Hex	76924C
RGB	118, 146, 76
RGB Percent	46%, 57%, 30%
CMY	0.5373, 0.4274, 0.7020
CMYK	0.19, 0.00, 0.48, 0.43
HSL	84°, 32%, 44%
HSV	84°, 48%, 57%
XYZ	19.0546, 24.9311, 10.6454
YIQ	129.6480, 5.7820, -27.7060

Conversions

Conversions Part 2

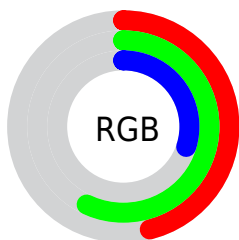
Format	Color
RYB	76, 146, 104
Decimal	7770700
CIELab	57.01, -22.06, 33.74
CIELCh	57, 40.311, 123.176
Yxy	24.9322, 0.3488, 0.4564
Android (android.graphics.Color)	4285960780 (0xFF76924C)
YUV	129.6480, -26.4485, -10.2153
Hunter-Lab	49.9311, -19.2605, 22.3110

Details

The HunterLab color **49.9311, -19.2605, 22.3110** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.9187, 19.5424, -30.5064**, and the grayscale version is **47.2086, -2.5189, 2.5649**.

A 20% lighter version of the original color is **71.7446, -23.0110, 27.4937**, and **30.8175, -15.2060, 16.6098** is the 20% darker color. If you saturate the color by 10%, you get **49.3511, -21.8564, 24.6549**, and if you desaturate by 10%, it is **50.5772, -16.3727, 19.3814**.

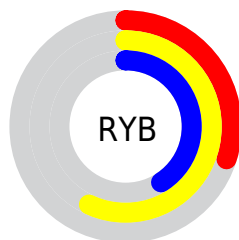
Distribution



Red (46%)

Green (57%)

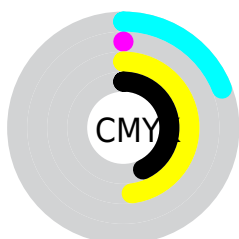
Blue (30%)



Red (30%)

Yellow (57%)

Blue (41%)

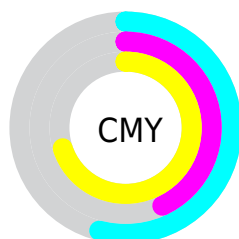


Cyan (19%)

Magenta (0%)

Yellow (48%)

Black (43%)



Cyan (54%)


Magenta (43%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.9311, -19.2605, 22.3110 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 49.9311, -19.2605, 22.3110 by changing the saturation by 10% instead.


 49.9311, -19.2605,
22.3110


 49.9311, -19.2605,
22.3110


166.5834,
-34.6892, 43.3350


 40.0332, -17.3799,
19.5546


 71.7964, -22.8555,
27.4403


 30.8917, -15.4111,
16.6178


 83.6812, -24.5958,
29.8649

 22.5765, -13.3164,
13.4484

 96.1578, -26.3108,
32.2206

 15.1799, -11.0281,
10.6259

 109.1994,
-28.0071, 34.5204

 8.8090, -11.3822,
6.1663

 122.7824,
-29.6895, 36.7744

0.0000, NaN, NaN

0.0000, NaN, NaN


136.8862,


-31.3620, 38.9906


0.0000, NaN, NaN


151.4921,
-33.0277, 41.1757


0.0000, NaN, NaN


 49.9311, -19.2605,
22.3110


 49.9311, -19.2605,
22.3110


 49.3511, -21.8564,
24.6549


 50.5772, -16.3727,
19.3814


 48.8326, -24.1557,
26.4277


 51.2871, -13.1944,
15.8585


 48.3745, -26.1641,
27.6576

 52.0620, -9.7353,
11.7448

 47.9737, -27.8925,
28.3866

 52.9018, -6.0066,
7.0491

 47.6227, -29.3798,
28.7233

 53.8060, -2.0216,
1.7859

■ 47.5541, -29.6712,
28.7832

■ 54.7737, 2.2048,
-4.0256

■ 55.8038, 6.6571,
-10.3628

■ 56.8950, 11.3188,
-17.2005

■ 58.0457, 16.1738,
-24.5120

Harmonies

Analogous

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



49.9322, -4.4578, 24.8057



49.9311, -19.2605, 22.3110



49.9322, -28.5242, 14.7703

Triad

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



49.9322, -19.2618, 22.3114



49.9322, -16.5245, -33.5684



49.9322, 34.1724, 4.4034

Complementary

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



49.9311, -19.2605, 22.3110



31.9187, 19.5424, -30.5064

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.



49.9322, 29.8323, -13.3734



49.9311, -19.2605, 22.3110



49.9322, -0.8505, -39.1436

Square

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



49.9322, -19.2618, 22.3114



49.9322, -27.0981, -17.3715



49.9322, 16.4253, -30.7709



49.9322, 27.6070, 16.8681

Rectangle

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



49.9311, -19.2605, 22.3110



49.9322, -31.0541, 6.2594



49.9322, 16.4253, -30.7709



49.9322, 33.9428, -1.1035

Sweetspot

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



49.9322, -19.2618, 22.3114



69.5453, -11.1573, 13.4042



40.6624, 8.3395, 15.2317



32.7014, -5.7078, 6.8763



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.9322, -19.2618, 22.3114



65.4574, -29.4251, 33.0752



47.8746, -27.2884, 20.5541



25.7490, -3.1674, 3.7442



44.6234, -27.7738, 27.0105



5.1080, -2.3932, 3.1056

Inverse Universe

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



31.9187, 19.5424, -30.5064



36.7470, 33.5270, -54.1733



35.6846, 29.6979, -22.6769



23.9570, 0.5894, -1.2391



16.2510, 39.0680, -76.6122



2.2064, 4.7916, -6.4272

Previews

White Background



This preview shows how the HunterLab color 49.9311, -19.2605, 22.3110 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 49.9311, -19.2605, 22.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

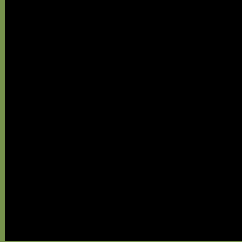
Any Text WCAG AA ✓ Pass

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 49.9311, -19.2605, 22.3110 Background



This preview shows how black text looks on a background with the HunterLab color 49.9311, -19.2605, 22.3110.



This preview shows how white text looks on a background with the HunterLab color 49.9311, -19.2605, 22.3110.

-19.2605, 22.3110.

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

49.9311, -19.2605, 22.3110

Protanopia

49.8562, -5.8827, 23.1221

Deuteranopia

49.6502, 3.5535, 21.5935



Tritanopia

49.9360, -3.6881, -3.0542

Trichromacy



Original Color
49.9311, -19.2605, 22.3110

Protanomaly
49.6526, -11.0549, 22.6662

Deuteranomaly
49.5605, -5.2977, 21.5969

Tritanomaly
49.7393, -10.4251, 8.5188

Monochromacy



Original Color
49.9311, -19.2605, 22.3110

Achromatopsia
47.2470, -2.5210, 2.5670

Achromatomaly
48.1349, -9.2434, 11.3282

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9311, -19.2605, 22.3110 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(118, 146, 76)` looks like.

```
.text, #text, p{  
    color:rgb(118, 146, 76)  
}
```

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(118, 146, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 146, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9311, -19.2605, 22.3110 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(118, 146, 76) }
```


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

```
.border{ border-color:rgb(118, 146, 76) }
```

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

Here you see how a box with a 4 pixel rgb(118, 146, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 146, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 146, 76);  
box-shadow:4px 4px 4px 4px rgb(118, 146,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9311, -19.2605, 22.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 146, 76) }
```

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

```
.background{ background-color: rgb(118,  
146, 76) }
```

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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