

Converting Colors

HunterLab(49.4973, -37.0099,
30.3601)

Have a look what the booklet for
HunterLab(49.4973, -37.0099,
30.3601) contains.

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Color

**HunterLab(49.5305,
-36.8167, 29.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	409B00
RGB	64, 155, 0
RGB Percent	25%, 61%, 0%
CMY	0.7490, 0.3921, 0.9999
CMYK	0.59, 0.00, 1.00, 0.39
HSL	95°, 100%, 30%
HSV	95°, 100%, 61%
XYZ	13.8357, 24.5327, 4.0061
YIQ	110.1210, -4.4810, -67.4970

Conversions

Conversions Part 2

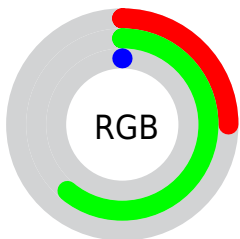
Format	Color
RYB	0, 155, 91
Decimal	4233984
CIELab	56.62, -49.98, 58.68
CIELCh	57, 77.084, 130.424
Yxy	24.5337, 0.3265, 0.5789
Android (android.graphics.Color)	4282424064 (0xFF409B00)
YUV	110.1210, -54.2897, -40.4481
Hunter-Lab	49.5305, -36.8167, 29.8759

Details

The HunterLab color $49.5305, -36.8167, 29.8759$ is a dark color, and the websafe version is hex 339900 . A complement of this color would be $21.4289, 47.7380, -71.7639$, and the grayscale version is $39.7372, -2.1203, 2.1590$.

A 20% lighter version of the original color is $71.2454, -43.6232, 38.1765$, and $31.1456, -26.7074, 18.7242$ is the 20% darker color. If you saturate the color by 10%, you get $49.5313, -36.8189, 29.8763$, and if you desaturate by 10%, it is $49.9000, -35.2163, 29.5716$.

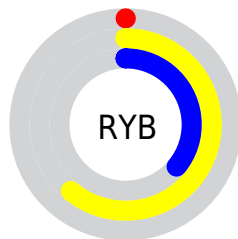
Distribution



Red (25%)

Green (61%)

Blue (0%)



Red (0%)

Yellow (61%)

Blue (36%)

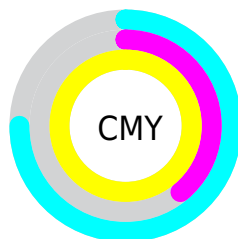


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (75%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5305, -36.8167, 29.8759 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 49.5305, -36.8167, 29.8759 by changing the saturation by 10% instead.

■ 49.5305, -36.8167,
29.8759

■ 49.5305, -36.8167,
29.8759

165.9843,
-64.9166, 63.2162

■ 39.6611, -33.0066,
25.3276

■ 71.3441, -43.8214,
38.2855

■ 30.5505, -28.9033,
20.7810

■ 83.2051, -47.0971,
42.2086

■ 22.2693, -24.4001,
15.5885

■ 95.6591, -50.2591,
45.9802

■ 14.9109, -19.7685,
10.4376

■ 108.6791,
-53.3268, 49.6223

■ 8.5597, -14.9795,
5.9918

■ 122.2413,
-56.3155, 53.1531


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 136.3251,


-59.2371, 56.5876


0.0000, NaN, NaN


 150.9117,
-62.1015, 59.9384


0.0000, NaN, NaN


 49.5305, -36.8167,
29.8759


 49.5305, -36.8167,
29.8759


 49.5313, -36.8189,
29.8763

 49.9000, -35.2163,
29.5716

 50.3445, -33.2647,
28.9118

 50.8770, -30.9011,
27.7346

 51.5016, -28.1152,
25.9937

 52.2209, -24.9075,
23.6619

■ 53.0363, -21.2867,
20.7270

■ 53.9481, -17.2683,
17.1895

■ 54.9560, -12.8728,
13.0599

■ 56.0586, -8.1245,
8.3570

Harmonies

Analogous

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



49.5316, -13.3860, 32.7090



49.5305, -36.8167, 29.8759



49.5316, -48.6188, 18.6829

Triad

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



49.5316, -36.8176, 29.8761



49.5316, -21.7779, -91.4712



49.5316, 74.3978, 12.2362

Complementary

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



49.5305, -36.8167, 29.8759



21.4289, 47.7380, -71.7639

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.



49.5316, 70.4741, -21.4543



49.5305, -36.8167, 29.8759



49.5316, 9.0961, -97.6585

Square

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



49.5316, -36.8176, 29.8761



49.5316, -41.6016, -52.9248



49.5316, 44.3844, -66.6280



49.5316, 54.0318, 27.7386

Rectangle

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



49.5305, -36.8167, 29.8759



49.5316, -50.6952, 2.2566



49.5316, 44.3844, -66.6280



49.5316, 75.9816, 3.1317

Sweetspot

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



49.5316, -36.8176, 29.8761



72.1181, -23.4424, 23.3067



37.8854, 14.7884, 23.6031



34.0769, -12.1813, 12.0093



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.



49.5316, -36.8176, 29.8761



66.2042, -49.6017, 39.9264



48.4486, -41.3315, 28.6672



26.5403, -3.6596, 3.7667



44.4138, -32.8968, 26.7917



5.6166, -3.2620, 3.4038

Inverse Universe

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



21.4289, 47.7380, -71.7639



28.4775, 63.6509, -96.9643



29.8744, 57.7042, -31.4390



24.8927, 1.0006, -1.1473



19.2623, 42.8551, -64.0471



2.7700, 5.7695, -6.1626

Previews

White Background



This preview shows how the HunterLab color 49.5305, -36.8167, 29.8759 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 49.5305, -36.8167, 29.8759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

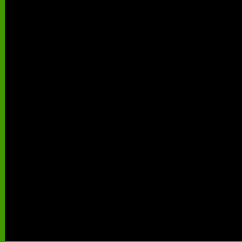
Any Text WCAG AA ✓ Pass

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 49.5305, -36.8167, 29.8759 Background



This preview shows how black text looks on a background with the HunterLab color 49.5305, -36.8167, 29.8759.



This preview shows how white text looks on a background with the HunterLab color 49.5305,

-36.8167, 29.8759.

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

49.5305, -36.8167, 29.8759

Protanopia

48.9932, -6.9946, 30.0669

Deuteranopia

49.0802, 3.4227, 28.6522



Tritanopia

49.4181, -14.2464, -7.5337

Trichromacy



Original Color

49.5305, -36.8167, 29.8759

Protanomaly

48.3105, -20.1839, 29.4154

Deuteranomaly

48.0133, -14.9673, 28.5063

Tritanomaly

48.7267, -26.4156, 15.1993

Monochromacy



Original Color

49.5305, -36.8167, 29.8759

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

42.0607, -18.0943, 17.4330

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5305, -36.8167, 29.8759 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(64, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 155, 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(64, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 155, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5305, -36.8167, 29.8759 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(64, 155, 0) }
```


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

```
.border{ border-color:rgb(64, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(64, 155, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.5305, -36.8167, 29.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 155, 0) }
```

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

```
.background{ background-color: rgb(64, 155,  
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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