

Converting Colors

HunterLab(49.0030, -37.9910,
32.0952)

Have a look what the booklet for
HunterLab(49.0030, -37.9910,
32.0952) contains.

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Color

**HunterLab(49.0951,
-36.9056, 29.6061)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9A00
RGB	61, 154, 0
RGB Percent	24%, 60%, 0%
CMY	0.7608, 0.3961, 1.0000
CMYK	0.60, 0.00, 1.00, 0.40
HSL	96°, 100%, 30%
HSV	96°, 100%, 60%
XYZ	13.4801, 24.1033, 3.9419
YIQ	108.6370, -5.9940, -67.6100

Conversions

Conversions Part 2

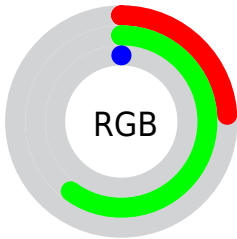
Format	Color
RYB	0, 154, 93
Decimal	4037120
CIELab	56.19, -50.42, 58.30
CIELCh	56, 77.082, 130.853
Yxy	24.1043, 0.3246, 0.5804
Android (android.graphics.Color)	4282227200 (0xFF3D9A00)
YUV	108.6370, -53.5580, -41.7776
Hunter-Lab	49.0951, -36.9056, 29.6061

Details

The HunterLab color **49.0951, -36.9056, 29.6061** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **21.5903, 47.7773, -69.8180**, and the grayscale version is **39.1680, -2.0899, 2.1281**.

A 20% lighter version of the original color is **70.7363, -43.9168, 37.9618**, and **30.8265, -26.4337, 18.5324** is the 20% darker color. If you saturate the color by 10%, you get **49.0959, -36.9076, 29.6065**, and if you desaturate by 10%, it is **49.4582, -35.3285, 29.2970**.

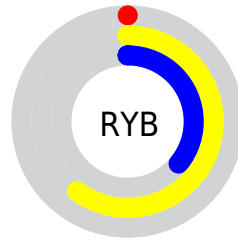
Distribution



Red (24%)

Green (60%)

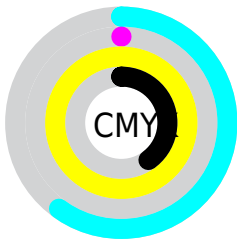
Blue (0%)



Red (0%)

Yellow (60%)

Blue (36%)

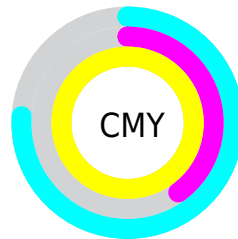


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (76%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0951, -36.9056, 29.6061 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 49.0951, -36.9056, 29.6061 by changing the saturation by 10% instead.

■ 49.0951, -36.9056,
29.6061

■ 49.0951, -36.9056,
29.6061

165.3322,
-65.2498, 62.8075

■ 39.2569, -33.0531,
25.0726

■ 70.8522, -43.9810,
37.9843

■ 30.1801, -28.9002,
20.5634

■ 82.6873, -47.2871,
41.8914

■ 21.9361, -24.3373,
15.3553

■ 95.1166, -50.4771,
45.6472

■ 14.6196, -19.8103,
10.2337

■ 108.1129,
-53.5707, 49.2736

■ 8.2795, -14.4891,
5.7957

■ 121.6525,
-56.5837, 52.7889


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 135.7145,


-59.5281, 56.2082


0.0000, NaN, NaN


 150.2800,
-62.4141, 59.5442


0.0000, NaN, NaN


 49.0951, -36.9056,
29.6061


 49.0951, -36.9056,
29.6061


 49.0959, -36.9076,
29.6065

 49.4582, -35.3285,
29.2970

 49.8982, -33.3919,
28.6375

 50.4283, -31.0344,
27.4655

 51.0527, -28.2462,
25.7356

 51.7739, -25.0280,
23.4214

■ 52.5934, -21.3894,
20.5117

■ 53.5114, -17.3467,
17.0078

■ 54.5275, -12.9218,
12.9212

■ 55.6403, -8.1399,
8.2714

Harmonies

Analogous

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



49.0961, -13.7427, 32.4611



49.0951, -36.9056, 29.6061



49.0961, -48.4820, 18.3285

Triad

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



49.0961, -36.9064, 29.6063



49.0961, -21.3201, -91.8441



49.0961, 74.1605, 12.5174

Complementary

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



49.0951, -36.9056, 29.6061



21.5903, 47.7773, -69.8180

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.



49.0961, 70.6056, -20.8294



49.0951, -36.9056, 29.6061



49.0961, 9.5854, -97.4627

Square

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



49.0961, -36.9064, 29.6063



49.0961, -41.2183, -53.5553



49.0961, 44.7838, -65.9875



49.0961, 53.5191, 27.6939

Rectangle

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



49.0951, -36.9056, 29.6061



49.0961, -50.4515, 1.7874



49.0961, 44.7838, -65.9875



49.0961, 75.8674, 3.5413

Sweetspot

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



49.0961, -36.9064, 29.6063



72.0423, -23.7267, 23.2332



38.2038, 13.4583, 23.7761



34.0374, -12.3307, 11.9722



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.



49.0961, -36.9064, 29.6063



66.0905, -50.0771, 39.8479



48.1123, -40.9912, 28.3529



26.5310, -3.6927, 3.7561



44.3363, -33.2203, 26.7382



5.6043, -3.3114, 3.3954

Inverse Universe

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



21.5903, 47.7773, -69.8180



28.8990, 64.1557, -95.0094



29.5349, 56.8493, -29.5357



24.9028, 1.0349, -1.1338



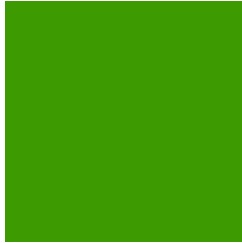
19.5405, 43.1911, -62.7783



2.7948, 5.8029, -6.0759

Previews

White Background



This preview shows how the HunterLab color 49.0951, -36.9056, 29.6061 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 49.0951, -36.9056, 29.6061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

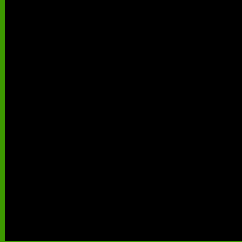
Any Text WCAG AA ✓ Pass

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 49.0951, -36.9056, 29.6061 Background



This preview shows how black text looks on a background with the HunterLab color 49.0951, -36.9056, 29.6061.



This preview shows how white text looks on a background with the HunterLab color 49.0951, -36.9056, 29.6061.

-36.9056, 29.6061.

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

49.0951, -36.9056, 29.6061

Protanopia

48.6102, -6.8983, 29.8326

Deuteranopia

48.5879, 3.1358, 28.3271



Tritanopia

48.9795, -14.3695, -7.6088

Trichromacy



Original Color

49.0951, -36.9056, 29.6061

Protanomaly

47.8553, -20.3515, 29.1319

Deuteranomaly

47.5489, -15.1680, 28.2086

Tritanomaly

48.3178, -26.3842, 14.8263

Monochromacy



Original Color

49.0951, -36.9056, 29.6061

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

41.6800, -18.0305, 17.3583

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0951, -36.9056, 29.6061 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(61, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(61, 154, 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(61, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 154, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0951, -36.9056, 29.6061 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(61, 154, 0) }
```


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

```
.border{ border-color:rgb(61, 154, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 154, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(61, 154, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.0951, -36.9056, 29.6061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 154, 0) }
```

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

```
.background{ background-color: rgb(61, 154,  
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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