

Converting Colors

HunterLab(48.6245, -46.0160,
31.8731)

Have a look what the booklet for
HunterLab(48.6245, -46.0160,
31.8731) contains.

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Color

**HunterLab(49.4507,
-42.4040, 29.7289)**

Conversions

Conversions Part 1

Format	Color
Hex	009E00
RGB	0, 158, 0
RGB Percent	0%, 62%, 0%
CMY	1.0000, 0.3804, 0.9999
CMYK	1.00, 0.00, 1.00, 0.38
HSL	120°, 100%, 31%
HSV	120°, 100%, 62%
XYZ	12.2269, 24.4537, 4.0757
YIQ	92.7460, -43.4500, -82.6340

Conversions

Conversions Part 2

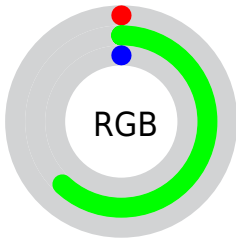
Format	Color
RYB	0, 158, 158
Decimal	40448
CIELab	56.54, -60.27, 58.16
CIELCh	57, 83.756, 136.017
Yxy	24.4547, 0.3000, 0.6000
Android (android.graphics.Color)	4278230528 (0xFF009E00)
YUV	92.7460, -45.7238, -81.3382
Hunter-Lab	49.4507, -42.4040, 29.7289

Details

The HunterLab color $[49.4507, -42.4040, 29.7289]$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $[31.2052, 61.3492, -41.1485]$, and the grayscale version is $[33.1679, -1.7698, 1.8021]$.

A 20% lighter version of the original color is $[71.2546, -50.7994, 38.0572]$, and $[31.7855, -27.2560, 19.1089]$ is the 20% darker color. If you saturate the color by 10%, you get $[49.4517, -42.4046, 29.7291]$, and if you desaturate by 10%, it is $[49.5984, -41.7036, 29.2549]$.

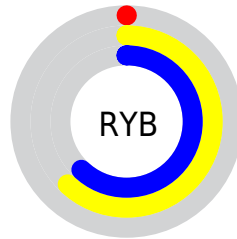
Distribution



Red (0%)

Green (62%)

Blue (0%)



Red (0%)

Yellow (62%)

Blue (62%)

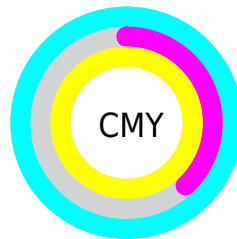


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4507, -42.4040, 29.7289 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 49.4507, -42.4040, 29.7289 by changing the saturation by 10% instead.

■ 49.4507, -42.4040,
29.7289

■ 49.4507, -42.4040,
29.7289

165.8649,
-75.4106, 62.8194

■ 39.5870, -37.8398,
25.2138

■ 71.2540, -50.7383,
38.0744

■ 30.4825, -32.9029,
20.6801

■ 83.1102, -54.6108,
41.9674

■ 22.2082, -27.4645,
15.5457

■ 95.5597, -58.3338,
45.7103

■ 14.8574, -22.7661,
10.4002

■ 108.5753,
-61.9320, 49.3248

■ 8.5091, -14.8909,
5.9564

■ 122.1335,
-65.4249, 52.8292


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 136.2132,


-68.8276, 56.2384


0.0000, NaN, NaN


 150.7959,
-72.1528, 59.5650


0.0000, NaN, NaN


 49.4507, -42.4040,
29.7289


 49.4507, -42.4040,
29.7289


 49.4517, -42.4046,
29.7291

 49.5984, -41.7036,
29.2549

 49.8574, -40.4709,
28.4210

 50.2764, -38.4929,
27.0832

 50.8717, -35.7153,
25.2049

 51.6543, -32.1203,
22.7743

■ 52.6305, -27.7216,
19.8006

■ 53.8029, -22.5580,
16.3104

■ 55.1705, -16.6880,
12.3435

■ 56.7297, -10.1828,
7.9481

Harmonies

Analogous

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



49.4517, -19.9033, 33.1719



49.4507, -42.4040, 29.7289



49.4517, -52.5331, 15.8170

Triad

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



49.4517, -42.4046, 29.7291



49.4517, -17.9012, -108.7478



49.4517, 80.2810, 17.3199

Complementary

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



49.4507, -42.4040, 29.7289



31.2052, 61.3492, -41.1485

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.



49.4517, 81.2623, -15.4491



49.4507, -42.4040, 29.7289



49.4517, 17.3707, -107.1501

Square

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



49.4517, -42.4046, 29.7291



49.4517, -41.2927, -69.2668



49.4517, 55.8234, -65.7720



49.4517, 53.4296, 30.1754

Rectangle

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



49.4507, -42.4040, 29.7289



49.4517, -53.4162, -4.5141



49.4517, 55.8234, -65.7720



49.4517, 83.8575, 8.9538

Sweetspot

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



49.4517, -42.4046, 29.7291



72.4029, -30.8333, 22.2733



56.3242, -15.1282, 34.4418



34.0678, -15.9985, 11.4938



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



49.4517, -42.4046, 29.7291



66.6393, -57.1430, 40.0619



50.0192, -38.8623, 21.3728



27.2049, -4.6268, 3.6372



44.2549, -37.9483, 26.6048



5.9177, -5.0742, 3.5572

Inverse Universe

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



31.2052, 61.3492, -41.1485



42.0509, 82.6718, -55.4499



27.9892, 49.9492, 2.4511



25.9896, 1.9369, -0.8480



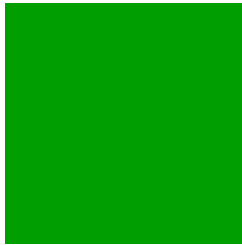
27.9258, 54.9021, -36.8243



3.7342, 7.3415, -4.9246

Previews

White Background



This preview shows how the HunterLab color 49.4507, -42.4040, 29.7289 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 49.4507, -42.4040, 29.7289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

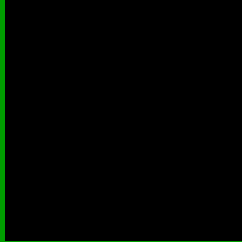
Any Text WCAG AA ✓ Pass

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 49.4507, -42.4040, 29.7289 Background



This preview shows how black text looks on a background with the HunterLab color 49.4507, -42.4040, 29.7289.



This preview shows how white text looks on a background with the HunterLab color 49.4507, -42.4040, 29.7289.

-42.4040, 29.7289.

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

49.4507, -42.4040, 29.7289

Protanopia

48.9932, -6.9946, 30.0669

Deuteranopia

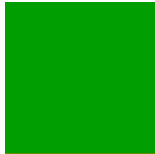
49.0916, 3.4838, 28.4833



Tritanopia

49.5267, -18.4150, -9.0713

Trichromacy



Original Color

49.4507, -42.4040, 29.7289



Protanomaly

47.1023, -26.5238, 28.5599



Deuteranomaly

46.5954, -21.9271, 27.3621



Tritanomaly

48.5438, -32.1104, 14.3129

Monochromacy



Original Color

49.4507, -42.4040, 29.7289



Achromatopsia

33.0850, -1.7653, 1.7976



Achromatomaly

37.3740, -22.6381, 16.0694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4507, -42.4040, 29.7289 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, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 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(0, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4507, -42.4040, 29.7289 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, 158, 0) }
```


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

```
.border{ border-color:rgb(0, 158, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 158, 0); box-shadow:4px  
4px 4px 4px rgb(0, 158, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4507, -42.4040, 29.7289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 0) }
```

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

```
.background{ background-color: rgb(0, 158,  
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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