

Converting Colors

HunterLab(49.5847, -42.0080,
29.8184)

Have a look what the booklet for
HunterLab(49.5847, -42.0080,
29.8184) contains.

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Color

**HunterLab(49.5533,
-41.9652, 29.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9E00
RGB	15, 158, 0
RGB Percent	6%, 62%, 0%
CMY	0.9412, 0.3804, 0.9999
CMYK	0.91, 0.00, 1.00, 0.38
HSL	114°, 100%, 31%
HSV	114°, 100%, 62%
XYZ	12.4239, 24.5553, 4.0849
YIQ	97.2310, -34.5100, -79.4540

Conversions

Conversions Part 2

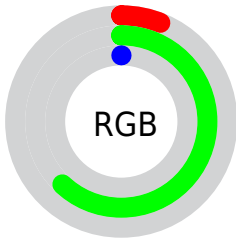
Format	Color
RYB	0, 158, 143
Decimal	1023488
CIELab	56.64, -59.35, 58.29
CIELCh	57, 83.185, 135.518
Yxy	24.5563, 0.3025, 0.5980
Android (android.graphics.Color)	4279213568 (0xFF0F9E00)
YUV	97.2310, -47.9349, -72.1166
Hunter-Lab	49.5533, -41.9652, 29.7998

Details

The HunterLab color $[49.5533, -41.9652, 29.7998]$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $[28.8275, 57.9286, -47.7555]$, and the grayscale version is $[34.8448, -1.8592, 1.8932]$.

A 20% lighter version of the original color is $[71.4010, -50.1946, 38.1681]$, and $[31.7855, -27.2560, 19.1089]$ is the 20% darker color. If you saturate the color by 10%, you get $[49.5542, -41.9666, 29.8004]$, and if you desaturate by 10%, it is $[49.7566, -41.0298, 29.3660]$.

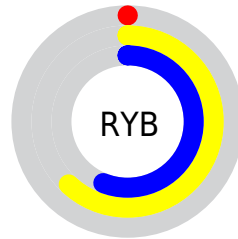
Distribution



Red (6%)

Green (62%)

Blue (0%)



Red (0%)

Yellow (62%)

Blue (56%)

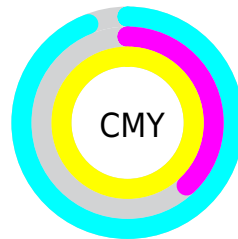


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (94%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5533, -41.9652, 29.7998 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 49.5533, -41.9652, 29.7998 by changing the saturation by 10% instead.

■ 49.5533, -41.9652,
29.7998

■ 49.5533, -41.9652,
29.7998

166.0184,
-74.5191, 62.9399

■ 39.6822, -37.4719,
25.2789

■ 71.3698, -50.1756,
38.1571

■ 30.5699, -32.6140,
20.7362

■ 83.2322, -53.9927,
42.0559

■ 22.2868, -27.2648,
15.6007

■ 95.6875, -57.6640,
45.8044

■ 14.9262, -22.5077,
10.4483

■ 108.7086,
-61.2134, 49.4245

■ 8.5741, -15.0046,
6.0019

■ 122.2721,
-64.6599, 52.9343


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 136.3570,


-68.0186, 56.3488


0.0000, NaN, NaN


 150.9447,
-71.3017, 59.6805


0.0000, NaN, NaN


 49.5533, -41.9652,
29.7998


 49.5533, -41.9652,
29.7998


 49.5542, -41.9666,
29.8004

 49.7566, -41.0298,
29.3660

 50.0836, -39.5152,
28.5841

 50.5569, -37.3212,
27.2939

 51.1876, -34.4163,
25.4553

 51.9828, -30.7957,
23.0520

■ 52.9465, -26.4768,
20.0873

■ 54.0799, -21.4956,
16.5808

■ 55.3818, -15.9016,
12.5647

■ 56.8488, -9.7532,
8.0798

Harmonies

Analogous

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



49.5543, -19.3302, 33.1952



49.5533, -41.9652, 29.7998



49.5543, -52.2682, 16.1370

Triad

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



49.5543, -41.9659, 29.8000



49.5543, -18.3154, -107.2192



49.5543, 79.8582, 16.9004

Complementary

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



49.5533, -41.9652, 29.7998



28.8275, 57.9286, -47.7555

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.



49.5543, 80.3533, -16.0378



49.5533, -41.9652, 29.7998



49.5543, 16.5853, -106.4154

Square

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



49.5543, -41.9659, 29.8000



49.5543, -41.4008, -67.7378



49.5543, 54.7969, -65.9777



49.5543, 53.5881, 30.0292

Rectangle

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



49.5533, -41.9652, 29.7998



49.5543, -53.2618, -3.8319



49.5543, 54.7969, -65.9777



49.5543, 83.2444, 8.4437

Sweetspot

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



49.5543, -41.9659, 29.8000



72.7787, -29.3902, 22.6446



51.6490, -8.1167, 31.6833



34.2579, -15.2607, 11.6760



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.



49.5543, -41.9659, 29.8000



66.7476, -56.6797, 40.1373



49.8157, -40.1277, 24.3600



27.2574, -4.4383, 3.6982



44.3562, -37.5153, 26.6753



5.9962, -4.7404, 3.6119

Inverse Universe

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



28.8275, 57.9286, -47.7555



38.7847, 77.9783, -64.5368



28.4472, 51.6059, -4.0367



25.9280, 1.7303, -0.9300



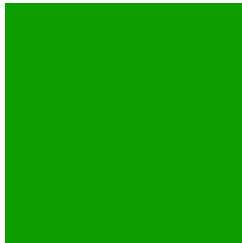
25.8152, 51.8678, -42.6862



3.5708, 7.1051, -5.3667

Previews

White Background



This preview shows how the HunterLab color 49.5533, -41.9652, 29.7998 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 49.5533, -41.9652, 29.7998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

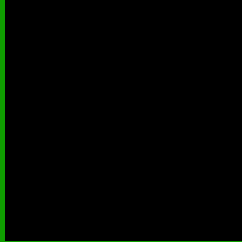
Any Text WCAG AA ✓ Pass

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 49.5533, -41.9652, 29.7998 Background



This preview shows how black text looks on a background with the HunterLab color 49.5533, -41.9652, 29.7998.



This preview shows how white text looks on a background with the HunterLab color 49.5533,

-41.9652, 29.7998.

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

49.5533, -41.9652, 29.7998

Protanopia

48.9932, -6.9946, 30.0669

Deuteranopia

49.0916, 3.4838, 28.4833



Tritanopia

49.5620, -18.2808, -9.0192

Trichromacy



Original Color

49.5533, -41.9652, 29.7998



Protanomaly

47.4022, -25.3321, 28.7655



Deuteranomaly

47.0112, -20.3151, 27.6551



Tritanomaly

48.6839, -31.5392, 14.4525

Monochromacy



Original Color

49.5533, -41.9652, 29.7998



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

38.3859, -21.6918, 16.2341

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5533, -41.9652, 29.7998 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(15, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(15, 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(15, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 158, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5533, -41.9652, 29.7998 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(15, 158, 0) }
```


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

```
.border{ border-color:rgb(15, 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(15, 158, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(15, 158, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.5533, -41.9652, 29.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 158, 0) }
```

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

```
.background{ background-color: rgb(15, 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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