

Converting Colors

HunterLab(49.5179, -41.9906,
28.7526)

Have a look what the booklet for
HunterLab(49.5179, -41.9906,
28.7526) contains.

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Color

**HunterLab(49.5173,
-41.9857, 28.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	009E18
RGB	0, 158, 24
RGB Percent	0%, 62%, 9%
CMY	1.0000, 0.3804, 0.9059
CMYK	1.00, 0.00, 0.85, 0.38
HSL	129°, 100%, 31%
HSV	129°, 100%, 62%
XYZ	12.3917, 24.5196, 4.9438
YIQ	95.4820, -51.1540, -75.1700

Conversions

Conversions Part 2

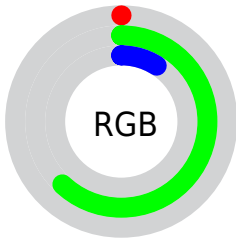
Format	Color
RYB	0, 137, 158
Decimal	40472
CIELab	56.61, -59.42, 53.83
CIElCh	57, 80.174, 137.825
Yxy	24.5207, 0.2961, 0.5858
Android (android.graphics.Color)	4278230552 (0xFF009E18)
YUV	95.4820, -35.2406, -83.7377
Hunter-Lab	49.5173, -41.9857, 28.7426

Details

The HunterLab color **49.5173, -41.9857, 28.7426** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **29.9842, 57.0887, -25.1197**, and the grayscale version is **34.1497, -1.8221, 1.8554**.

A 20% lighter version of the original color is **71.3628, -50.1361, 36.4635**, and **31.7855, -27.2560, 19.1089** is the 20% darker color. If you saturate the color by 10%, you get **49.5183, -41.9863, 28.7428**, and if you desaturate by 10%, it is **49.6983, -41.0778, 27.7765**.

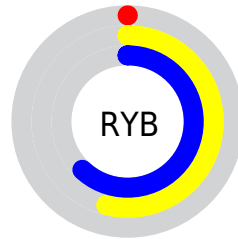
Distribution



Red (0%)

Green (62%)

Blue (9%)



Red (0%)

Yellow (54%)

Blue (62%)

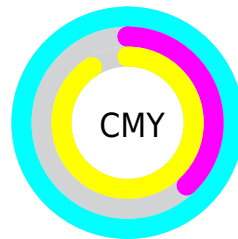


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5173, -41.9857, 28.7426 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 49.5173, -41.9857, 28.7426 by changing the saturation by 10% instead.

■ 49.5173, -41.9857,
28.7426

■ 49.5173, -41.9857,
28.7426

165.9645,
-74.5761, 59.6570

■ 39.6488, -37.4862,
24.5294

■ 71.3292, -50.2063,
36.5187

■ 30.5392, -32.6213,
20.1173

■ 83.1894, -54.0280,
40.1476

■ 22.2592, -27.2640,
15.5814

■ 95.6427, -57.7034,
43.6396

■ 14.9021, -22.5237,
10.4314

■ 108.6619,
-61.2568, 47.0155

■ 8.5513, -14.9648,
5.9859

■ 122.2235,
-64.7070, 50.2924

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.3066,

-68.0692, 53.4842

0.0000, NaN, NaN

150.8925,
-71.3555, 56.6025

0.0000, NaN, NaN

■ 49.5173, -41.9857,
28.7426

■ 49.5173, -41.9857,
28.7426

■ 49.5183, -41.9863,
28.7428

■ 49.6983, -41.0778,
27.7765

■ 49.9927, -39.6282,
26.4236

■ 50.4392, -37.4870,
24.6863

■ 51.0514, -34.6162,
22.5666

■ 51.8386, -31.0078,
20.0784

■ 52.8059, -26.6792,
17.2456

■ 53.9553, -21.6682,
14.1005

■ 55.2858, -16.0282,
10.6806

■ 56.7939, -9.8227,
7.0260

Harmonies

Analogous

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



49.5183, -20.9007, 32.7624



49.5173, -41.9857, 28.7426



49.5183, -51.2745, 13.9780

Triad

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



49.5183, -41.9863, 28.7428



49.5183, -15.5393, -102.7784



49.5183, 75.0338, 18.0523

Complementary

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



49.5173, -41.9857, 28.7426



29.9842, 57.0887, -25.1197

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.



49.5183, 77.5963, -12.0864



49.5173, -41.9857, 28.7426



49.5183, 18.7111, -98.6761

Square

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



49.5183, -41.9863, 28.7428



49.5183, -38.9666, -67.8489



49.5183, 54.8668, -58.8171



49.5183, 48.5897, 30.0278

Rectangle

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



49.5173, -41.9857, 28.7426



49.5183, -51.7504, -6.4179



49.5183, 54.8668, -58.8171



49.5183, 78.9304, 10.3502

Sweetspot

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



49.5183, -41.9863, 28.7428



72.6107, -29.6192, 19.2605



54.3580, -22.5314, 33.1007



34.1732, -15.3783, 9.9630



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.



49.5183, -41.9863, 28.7428



66.7150, -56.6678, 38.9416



50.4262, -36.3498, 15.4405



27.2336, -4.4665, 3.2262



44.3189, -37.5462, 25.6567



5.9605, -4.8060, 2.9247

Inverse Universe

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



29.9842, 57.0887, -25.1197



40.3762, 76.8272, -33.4576



27.4738, 48.0643, 9.8887



25.9562, 1.7582, -0.3744



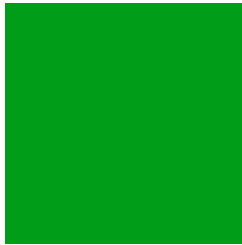
26.8418, 51.1196, -22.5950



3.6482, 7.0423, -3.8035

Previews

White Background



This preview shows how the HunterLab color 49.5173, -41.9857, 28.7426 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 49.5173, -41.9857, 28.7426 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 49.5173, -41.9857, 28.7426 Background



This preview shows how black text looks on a background with the HunterLab color 49.5173, -41.9857, 28.7426.



This preview shows how white text looks on a background with the HunterLab color 49.5173, -41.9857, 28.7426.

-41.9857, 28.7426.

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

49.5173, -41.9857, 28.7426

Protanopia

49.0345, -6.7648, 29.4552

Deuteranopia

49.0239, 3.3476, 27.7298



Tritanopia

49.5267, -18.4150, -9.0713

Trichromacy



Original Color

49.5173, -41.9857, 28.7426



Protanomaly

47.1559, -26.2031, 27.7664



Deuteranomaly

46.6634, -21.5265, 26.3565



Tritanomaly

48.7353, -30.9479, 11.5419

Monochromacy



Original Color

49.5173, -41.9857, 28.7426



Achromatopsia

33.8283, -1.8050, 1.8380



Achromatomaly

37.8777, -21.9123, 14.1434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5173, -41.9857, 28.7426 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, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 24)  
}
```

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, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5173, -41.9857, 28.7426 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, 24) }
```


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

```
.border{ border-color:rgb(0, 158, 24) }
```

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, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 24);  
box-shadow:4px 4px 4px 4px rgb(0, 158, 24)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.5173, -41.9857, 28.7426 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, 24) }
```

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

```
.background{ background-color: rgb(0, 158,  
24) }
```

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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