

Converting Colors

HunterLab(48.6274, -41.5506,
28.9158)

Have a look what the booklet for
HunterLab(48.6274, -41.5506,
28.9158) contains.

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Color

**HunterLab(48.7818,
-41.6861, 29.0152)**

Conversions

Conversions Part 1	
Format	Color
Hex	009C09
RGB	0, 156, 9
RGB Percent	0%, 61%, 4%
CMY	1.0000, 0.3882, 0.9647
CMYK	1.00, 0.00, 0.94, 0.39
HSL	123°, 100%, 31%
HSV	123°, 100%, 61%
XYZ	11.9378, 23.7966, 4.2225
YIQ	92.5980, -45.7890, -78.7890

Conversions

Conversions Part 2

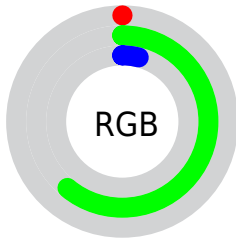
Format	Color
RYB	0, 147, 156
Decimal	39945
CIELab	55.88, -59.45, 56.24
CIELCh	56, 81.833, 136.587
Yxy	23.7976, 0.2988, 0.5956
Android (android.graphics.Color)	4278230025 (0xFF009C09)
YUV	92.5980, -41.2138, -81.2084
Hunter-Lab	48.7818, -41.6861, 29.0152

Details

The HunterLab color **48.7818, -41.6861, 29.0152** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **30.2894, 58.8250, -34.3305**, and the grayscale version is **33.0973, -1.7660, 1.7982**.

A 20% lighter version of the original color is **70.5373, -50.0636, 37.1427**, and **31.1456, -26.7074, 18.7242** is the 20% darker color. If you saturate the color by 10%, you get **48.7828, -41.6867, 29.0154**, and if you desaturate by 10%, it is **48.9380, -40.9318, 28.4108**.

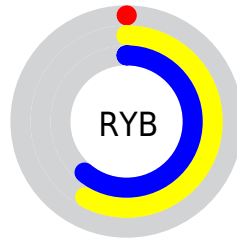
Distribution



Red (0%)

Green (61%)

Blue (4%)



Red (0%)

Yellow (58%)

Blue (61%)

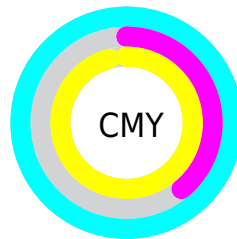


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (39%)



Cyan (100%)


Magenta (39%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.7818, -41.6861, 29.0152 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 48.7818, -41.6861, 29.0152 by changing the saturation by 10% instead.


 48.7818, -41.6861,
29.0152


 48.7818, -41.6861,
29.0152


164.8623,
-74.3739, 61.2166


 38.9661, -37.1615,
24.6158


 70.4981, -49.9427,
37.1363


 29.9138, -32.2637,
20.1594


 82.3144, -53.7776,
40.9228


 21.6968, -26.8618,
15.1877

 94.7259, -57.4642,
44.5634

 14.4107, -22.4903,
10.0875

 107.7051,
-61.0271, 48.0797

 8.0713, -14.1248,
5.6499

 121.2284,
-64.4856, 51.4896

0.0000, NaN, NaN

0.0000, NaN, NaN


 135.2745,


-67.8550, 54.8078


0.0000, NaN, NaN


 149.8248,
-71.1477, 58.0468


0.0000, NaN, NaN


 48.7818, -41.6861,
29.0152


 48.7818, -41.6861,
29.0152


 48.7828, -41.6867,
29.0154

 48.9380, -40.9318,
28.4108

 49.2087, -39.6241,
27.3769

 49.6342, -37.6005,
25.8868

 50.2295, -34.8154,
23.9224

 51.0045, -31.2563,
21.4839

■ 51.9649, -26.9387,
18.5876

■ 53.1128, -21.9010,
15.2630

■ 54.4472, -16.1990,
11.5487

■ 55.9647, -9.8999,
7.4895

Harmonies

Analogous

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



48.7828, -19.9498, 32.5886



48.7818, -41.6861, 29.0152



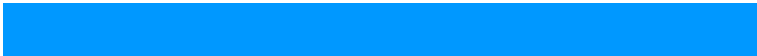
48.7828, -51.4090, 15.0224

Triad

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



48.7828, -41.6867, 29.0154



48.7828, -16.9040, -105.3387



48.7828, 77.4914, 17.3177

Complementary

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



48.7818, -41.6861, 29.0152



30.2894, 58.8250, -34.3305

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.



48.7828, 78.9723, -14.1441



48.7818, -41.6861, 29.0152



48.7828, 17.5616, -102.9404

Square

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



48.7828, -41.6867, 29.0154



48.7828, -39.9875, -67.8684



48.7828, 54.7538, -62.6117



48.7828, 51.1365, 29.7105

Rectangle

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



48.7818, -41.6861, 29.0152



48.7828, -52.1522, -5.0563



48.7828, 54.7538, -62.6117



48.7828, 81.1234, 9.2831

Sweetspot

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



48.7828, -41.6867, 29.0154



71.4796, -29.9442, 20.8507



54.8568, -17.4549, 33.4969



33.2359, -15.3306, 10.6254



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.



48.7828, -41.6867, 29.0154



65.7356, -56.2270, 39.2141



49.4435, -37.5696, 19.3019



27.2157, -4.5662, 3.4819



44.2753, -37.8203, 26.3028



5.9340, -4.9718, 3.3158

Inverse Universe

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



30.2894, 58.8250, -34.3305



40.8076, 79.2333, -46.1033



27.4098, 48.5626, 5.1340



25.9768, 1.8687, -0.6672



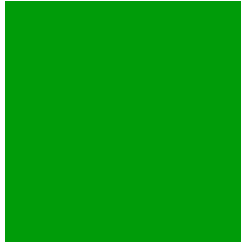
27.4926, 53.3983, -31.1989



3.7006, 7.2250, -4.4893

Previews

White Background



This preview shows how the HunterLab color 48.7818, -41.6861, 29.0152 looks on a white background.

Color Contrast Check

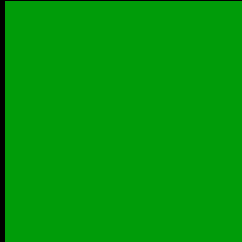
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7818, -41.6861, 29.0152 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 48.7818, -41.6861, 29.0152 Background



This preview shows how black text looks on a background with the HunterLab color 48.7818, -41.6861, 29.0152.



This preview shows how white text looks on a background with the HunterLab color 48.7818, -41.6861, 29.0152.

-41.6861, 29.0152.

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

48.7818, -41.6861, 29.0152

Protanopia

48.5121, -7.2486, 29.7660

Deuteranopia

48.2271, 3.3240, 27.8207




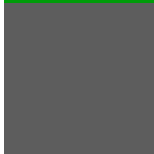

Tritanopia

48.7944, -18.1115, -9.0097

Trichromacy

	Original Color 48.7818, -41.6861, 29.0152
	Protanomaly 46.6749, -26.5774, 28.1861
	Deuteranomaly 45.8586, -21.5707, 26.6167
	Tritanomaly 47.9015, -31.2480, 13.0869

Monochromacy

	Original Color 48.7818, -41.6861, 29.0152
	Achromatopsia 33.0850, -1.7653, 1.7976
	Achromatomaly 37.1058, -22.0319, 15.1966

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7818, -41.6861, 29.0152 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, 156, 9)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 9)  
}
```

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, 156, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7818, -41.6861, 29.0152 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, 156, 9) }
```


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

```
.border{ border-color:rgb(0, 156, 9) }
```

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

Here you see how a box with a 4 pixel rgb(0, 156, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 156, 9); box-shadow:4px  
4px 4px 4px rgb(0, 156, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7818, -41.6861, 29.0152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 9) }
```

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

```
.background{ background-color: rgb(0, 156,  
9) }
```

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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