

Converting Colors

HunterLab(47.8615, -41.5383,
29.0141)

Have a look what the booklet for
HunterLab(47.8615, -41.5383,
29.0141) contains.

HunterLab(48.0741, -41.2236, 28.9014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.0741,
-41.2236, 28.9014)**

Conversions

Conversions Part 1

Format	Color
Hex	009A00
RGB	0, 154, 0
RGB Percent	0%, 60%, 0%
CMY	1.0000, 0.3961, 1.0000
CMYK	1.00, 0.00, 1.00, 0.40
HSL	120°, 100%, 30%
HSV	120°, 100%, 60%
XYZ	11.5556, 23.1112, 3.8518
YIQ	90.3980, -42.3500, -80.5420

Conversions

Conversions Part 2

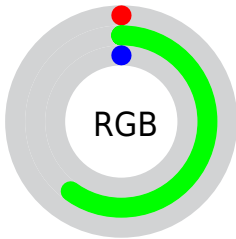
Format	Color
RYB	0, 154, 154
Decimal	39424
CIELab	55.19, -59.14, 57.08
CIELCh	55, 82.194, 136.017
Yxy	23.1122, 0.3000, 0.6000
Android (android.graphics.Color)	4278229504 (0xFF009A00)
YUV	90.3980, -44.5662, -79.2790
Hunter-Lab	48.0741, -41.2236, 28.9014

Details

The HunterLab color **48.0741, -41.2236, 28.9014** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **30.3366, 59.6419, -40.0051**, and the grayscale version is **32.2938, -1.7231, 1.7546**.

A 20% lighter version of the original color is **69.7919, -49.5803, 37.2150**, and **30.5080, -26.1606, 18.3409** is the 20% darker color. If you saturate the color by 10%, you get **48.0751, -41.2242, 28.9016**, and if you desaturate by 10%, it is **48.2211, -40.5262, 28.4294**.

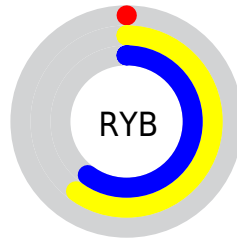
Distribution



Red (0%)

Green (60%)

Blue (0%)



Red (0%)

Yellow (60%)

Blue (60%)

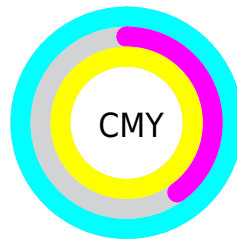


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (100%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0741, -41.2236, 28.9014 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 48.0741, -41.2236, 28.9014 by changing the saturation by 10% instead.

■ 48.0741, -41.2236,
28.9014

■ 48.0741, -41.2236,
28.9014

163.7988,
-73.8470, 61.6055

■ 38.3097, -36.6989,
24.4262

■ 69.6975, -49.4720,
37.1614

■ 29.3131, -31.7960,
20.0117

■ 81.4713, -53.3005,
41.0104

■ 21.1575, -26.3803,
14.8102

■ 93.8422, -56.9798,
44.7092

■ 13.9408, -22.4204,
9.7586

■ 106.7827,
-60.5348, 48.2799

■ 7.5783, -13.2620,
5.3048

■ 120.2687,
-63.9849, 51.7410

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 134.2790,


-67.3457, 55.1076


0.0000, NaN, NaN


 148.7947,
-70.6297, 58.3923


0.0000, NaN, NaN


 48.0741, -41.2236,
28.9014


 48.0741, -41.2236,
28.9014


 48.0751, -41.2242,
28.9016

 48.2211, -40.5262,
28.4294

 48.4750, -39.3181,
27.6123

 48.8841, -37.3872,
26.3064

 49.4641, -34.6818,
24.4770

 50.2254, -31.1852,
22.1128

■ 51.1742, -26.9106,
19.2231

■ 52.3129, -21.8961,
15.8336

■ 53.6407, -16.1981,
11.9829

■ 55.1538, -9.8854,
7.7175

Harmonies

Analogous

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



48.0751, -19.3492, 32.2485



48.0741, -41.2236, 28.9014



48.0751, -51.0708, 15.3769

Triad

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



48.0751, -41.2242, 28.9016



48.0751, -17.4031, -105.7211



48.0751, 78.0466, 16.8377

Complementary

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



48.0741, -41.2236, 28.9014



30.3366, 59.6419, -40.0051

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.



48.0751, 79.0005, -15.0193



48.0741, -41.2236, 28.9014



48.0751, 16.8870, -104.1680

Square

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



48.0751, -41.2242, 28.9016



48.0751, -40.1434, -67.3387



48.0751, 54.2695, -63.9418



48.0751, 51.9427, 29.3354

Rectangle

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



48.0741, -41.2236, 28.9014



48.0751, -51.9294, -4.3882



48.0751, 54.2695, -63.9418



48.0751, 81.5236, 8.7044

Sweetspot

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



48.0751, -41.2242, 28.9016



70.4068, -29.9446, 21.6332



54.7562, -14.7071, 33.4831



33.1980, -15.5536, 11.1757



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.



48.0751, -41.2242, 28.9016



64.7946, -55.5612, 38.9531



48.6292, -37.7658, 20.7432



26.3165, -4.4605, 3.5081



43.3928, -37.2091, 26.0866



5.3057, -4.5495, 3.1894

Inverse Universe

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



30.3366, 59.6419, -40.0051



40.8871, 80.3841, -53.9179



27.2142, 48.5741, 2.3225



25.1469, 1.8567, -0.8086



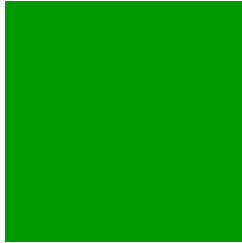
27.3820, 53.8331, -36.1088



3.3480, 6.5823, -4.4154

Previews

White Background



This preview shows how the HunterLab color 48.0741, -41.2236, 28.9014 looks on a white background.

Color Contrast Check

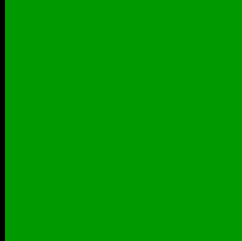
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0741, -41.2236, 28.9014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

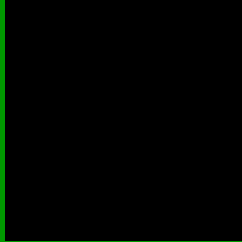
Any Text WCAG AA ✓ Pass

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 48.0741, -41.2236, 28.9014 Background



This preview shows how black text looks on a background with the HunterLab color 48.0741, -41.2236, 28.9014.



This preview shows how white text looks on a background with the HunterLab color 48.0741, -41.2236, 28.9014.

-41.2236, 28.9014.

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

48.0741, -41.2236, 28.9014

Protanopia

47.7477, -7.0558, 29.2984

Deuteranopia

47.7246, 2.9750, 27.6722



Tritanopia

48.0992, -17.6753, -8.8962

Trichromacy



Original Color

48.0741, -41.2236, 28.9014



Protanomaly

45.9737, -26.1195, 27.8715



Deuteranomaly

45.4596, -21.5776, 26.7089



Tritanomaly

47.1590, -31.0502, 13.6747

Monochromacy



Original Color

48.0741, -41.2236, 28.9014



Achromatopsia

31.9753, -1.7061, 1.7373



Achromatomaly

36.0215, -21.7546, 15.4441

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0741, -41.2236, 28.9014 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, 154, 0)` looks like.

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

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

Border

The CSS property to change the border of an element to HunterLab 48.0741, -41.2236, 28.9014 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, 154, 0) }
```


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

```
.border{ border-color:rgb(0, 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(0, 154, 0)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 48.0741, -41.2236, 28.9014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(0, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor