

Converting Colors

HunterLab(51.4708, -43.0029,
30.9632)

Have a look what the booklet for
HunterLab(51.4708, -43.0029,
30.9632) contains.

HunterLab(51.4076, -42.9171, 30.9258)	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(51.4076,
-42.9171, 30.9258)**

Conversions

Conversions Part 1

Format	Color
Hex	1BA300
RGB	27, 163, 0
RGB Percent	11%, 64%, 0%
CMY	0.8941, 0.3608, 0.9999
CMYK	0.83, 0.00, 1.00, 0.36
HSL	110°, 100%, 32%
HSV	110°, 100%, 64%
XYZ	13.5492, 26.4274, 4.3869
YIQ	103.7540, -28.7330, -79.5250

Conversions

Conversions Part 2

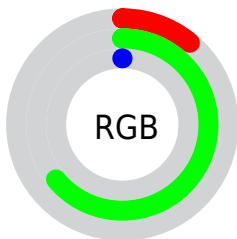
Format	Color
RYB	0, 163, 136
Decimal	1811200
CIELab	58.44, -59.67, 59.78
CIELCh	58, 84.466, 134.948
Yxy	26.4285, 0.3054, 0.5957
Android (android.graphics.Color)	4280001280 (0xFF1BA300)
YUV	103.7540, -51.1507, -67.3133
Hunter-Lab	51.4076, -42.9171, 30.9258

Details

The HunterLab color **51.4076, -42.9171, 30.9258** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **28.0721, 57.4914, -54.8824**, and the grayscale version is **37.3098, -1.9908, 2.0271**.

A 20% lighter version of the original color is **73.4150, -50.9928, 39.3940**, and **33.3944, -28.6357, 20.0762** is the 20% darker color. If you saturate the color by 10%, you get **51.4085, -42.9187, 30.9263**, and if you desaturate by 10%, it is **51.6692, -41.7370, 30.5309**.

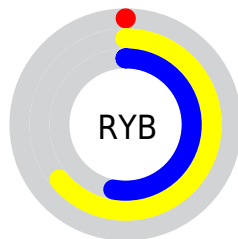
Distribution



Red (11%)

Green (64%)

Blue (0%)



Red (0%)

Yellow (64%)

Blue (53%)

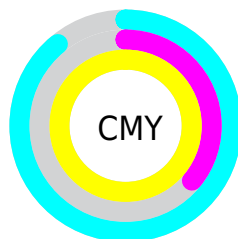


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (89%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4076, -42.9171, 30.9258 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 51.4076, -42.9171, 30.9258 by changing the saturation by 10% instead.

■ 51.4076, -42.9171,
30.9258

■ 51.4076, -42.9171,
30.9258

168.7837,
-75.4197, 64.6000

■ 41.4059, -38.4561,
26.3491

■ 73.4612, -51.0907,
39.4020

■ 32.1521, -33.6458,
21.6687

■ 85.4325, -54.8981,
43.3618

■ 23.7136, -28.3685,
16.5995

■ 97.9916, -58.5633,
47.1712

■ 16.1785, -22.9746,
11.3249

■ 111.1121,
-62.1096, 50.8518

■ 9.6718, -16.9256,
6.7703

■ 124.7709,
-65.5551, 54.4213


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 138.9477,


-68.9144, 57.8945


0.0000, NaN, NaN


 153.6241,
-72.1994, 61.2839


0.0000, NaN, NaN


 51.4076, -42.9171,
30.9258


 51.4076, -42.9171,
30.9258


 51.4085, -42.9187,
30.9263

 51.6692, -41.7370,
30.5309

 52.0510, -39.9952,
29.7665

 52.5723, -37.6063,
28.4700

 53.2419, -34.5480,
26.5970

 54.0653, -30.8201,
24.1268

■ 55.0457, -26.4410,
21.0588

■ 56.1836, -21.4439,
17.4083

■ 57.4777, -15.8733,
13.2032

■ 58.9251, -9.7812,
8.4806

Harmonies

Analogous

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



51.4087, -19.3333, 34.3833



51.4076, -42.9171, 30.9258



51.4087, -53.7855, 17.0720

Triad

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



51.4087, -42.9178, 30.9260



51.4087, -19.4386, -109.2073



51.4087, 82.1627, 16.9926

Complementary

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



51.4076, -42.9171, 30.9258



28.0721, 57.4914, -54.8824

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.



51.4087, 82.1116, -17.2917



51.4076, -42.9171, 30.9258



51.4087, 16.2544, -109.2899

Square

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



51.4087, -42.9178, 30.9260



51.4087, -42.9766, -68.3472



51.4087, 55.5250, -68.5285



51.4087, 55.6498, 30.9018

Rectangle

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



51.4076, -42.9171, 30.9258



51.4087, -54.9446, -3.1797



51.4087, 55.5250, -68.5285



51.4087, 85.4467, 8.1348

Sweetspot

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



51.4087, -42.9178, 30.9260



75.0947, -29.0957, 23.5924



50.3484, -3.4257, 30.9640



35.2891, -15.0980, 12.1454



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.4087, -42.9178, 30.9260



68.7534, -57.6175, 41.3568



51.4443, -42.2422, 26.8890



28.1936, -4.4516, 3.8777



45.3353, -37.7696, 27.2742



6.6846, -4.9988, 4.0315

Inverse Universe

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



28.0721, 57.4914, -54.8824



37.4658, 76.8013, -73.7737



29.8065, 54.7225, -9.2716



26.7256, 1.6442, -1.0358



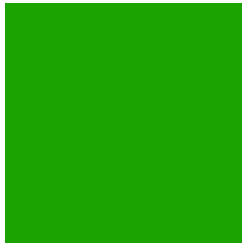
24.7804, 50.7303, -48.2751



3.7929, 7.6339, -6.3746

Previews

White Background



This preview shows how the HunterLab color 51.4076, -42.9171, 30.9258 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 51.4076, -42.9171, 30.9258 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 51.4076, -42.9171, 30.9258 Background



This preview shows how black text looks on a background with the HunterLab color 51.4076, -42.9171, 30.9258.



This preview shows how white text looks on a background with the HunterLab color 51.4076, -42.9171, 30.9258.

-42.9171, 30.9258.

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

51.4076, -42.9171, 30.9258

Protanopia

50.9159, -7.4787, 31.2432

Deuteranopia

50.7325, 3.5208, 29.4644



Tritanopia

51.4923, -18.6953, -9.0387

Trichromacy



Original Color

51.4076, -42.9171, 30.9258



Protanomaly

49.4922, -25.2255, 30.0553



Deuteranomaly

48.7522, -19.9520, 28.7685



Tritanomaly

50.6134, -32.0821, 15.2842

Monochromacy



Original Color

51.4076, -42.9171, 30.9258



Achromatopsia

37.2064, -1.9852, 2.0215



Achromatomaly

40.7395, -21.7943, 17.2207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4076, -42.9171, 30.9258 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(27, 163, 0)` looks like.

```
.text, #text, p{  
  color:rgb(27, 163, 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(27, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 163, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4076, -42.9171, 30.9258 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(27, 163, 0) }
```


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

```
.border{ border-color:rgb(27, 163, 0) }
```

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

Here you see how a box with a 4 pixel rgb(27, 163, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(27, 163, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.4076, -42.9171, 30.9258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 163, 0) }
```

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

```
.background{ background-color: rgb(27, 163,  
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