

Converting Colors

HunterLab(51.2545, -43.9252,
30.7583)

Have a look what the booklet for
HunterLab(51.2545, -43.9252,
30.7583) contains.

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Color

**HunterLab(51.1847,
-43.8603, 30.7054)**

Conversions

Conversions Part 1

Format	Color
Hex	00A302
RGB	0, 163, 2
RGB Percent	0%, 64%, 1%
CMY	1.0000, 0.3608, 0.9921
CMYK	1.00, 0.00, 0.99, 0.36
HSL	121°, 100%, 32%
HSV	121°, 100%, 64%
XYZ	13.1081, 26.1987, 4.4234
YIQ	95.9090, -45.4670, -84.6270

Conversions

Conversions Part 2

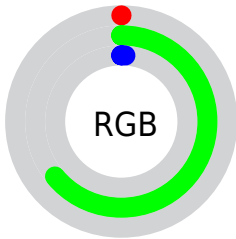
Format	Color
RYB	0, 161, 163
Decimal	41730
CIELab	58.23, -61.61, 59.22
CIElCh	58, 85.455, 136.133
Yxy	26.1998, 0.2997, 0.5991
Android (android.graphics.Color)	4278231810 (0xFF00A302)
YUV	95.9090, -46.2971, -84.1122
Hunter-Lab	51.1847, -43.8603, 30.7054

Details

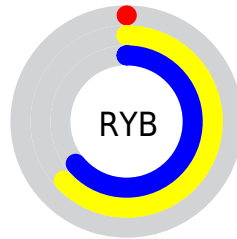
The HunterLab color **51.1847, -43.8603, 30.7054** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **32.1864, 63.1134, -41.1642**, and the grayscale version is **34.3478, -1.8327, 1.8662**.

A 20% lighter version of the original color is **73.1240, -52.1763, 39.0344**, and **33.0716, -28.3589, 19.8821** is the 20% darker color. If you saturate the color by 10%, you get **51.1858, -43.8610, 30.7056**, and if you desaturate by 10%, it is **51.3345, -43.1482, 30.2101**.

Distribution



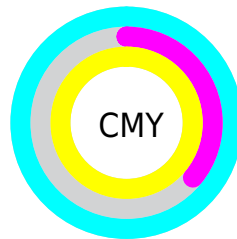
- Red (0%)
- Green (64%)
- Blue (1%)



- Red (0%)
- Yellow (63%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (99%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1847, -43.8603, 30.7054 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 51.1847, -43.8603, 30.7054 by changing the saturation by 10% instead.

■ 51.1847, -43.8603,
30.7054

■ 51.1847, -43.8603,
30.7054

168.4523,
-77.3126, 64.1259

■ 41.1985, -39.2514,
26.1612

■ 73.2101, -52.2932,
39.1182

■ 31.9615, -34.2771,
21.5057

■ 85.1684, -56.2164,
43.0477

■ 23.5414, -28.8148,
16.4790

■ 97.7151, -59.9903,
46.8280

■ 16.0270, -23.4381,
11.2189

■ 110.8238,
-63.6390, 50.4805

■ 9.5443, -16.7024,
6.6810

■ 124.4713,
-67.1817, 54.0229


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 138.6371,


-70.6337, 57.4700


0.0000, NaN, NaN


 153.3029,
-74.0073, 60.8342


0.0000, NaN, NaN


 51.1847, -43.8603,
30.7054


 51.1847, -43.8603,
30.7054


 51.1858, -43.8610,
30.7056

 51.3345, -43.1482,
30.2101

 51.6032, -41.8645,
29.3075

 52.0374, -39.8109,
27.8898

 52.6539, -36.9319,
25.9231

 53.4640, -33.2095,
23.3973

■ 54.4743, -28.6580,
20.3239

■ 55.6873, -23.3179,
16.7311

■ 57.1022, -17.2496,
12.6604

■ 58.7151, -10.5265,
8.1613

Harmonies

Analogous

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



51.1858, -20.6698, 34.3069



51.1847, -43.8603, 30.7054



51.1858, -54.2868, 16.2475

Triad

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



51.1858, -43.8610, 30.7056



51.1858, -18.3665, -112.1440



51.1858, 82.7289, 17.9778

Complementary

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



51.1847, -43.8603, 30.7054



32.1864, 63.1134, -41.1642

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.



51.1858, 83.8560, -15.7530



51.1847, -43.8603, 30.7054



51.1858, 18.0721, -110.3110

Square

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



51.1858, -43.8610, 30.7056



51.1858, -42.5807, -71.5977



51.1858, 57.7141, -67.5866



51.1858, 54.9641, 31.2215

Rectangle

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



51.1847, -43.8603, 30.7054



51.1858, -55.1735, -4.8023



51.1858, 57.7141, -67.5866



51.1858, 86.4535, 9.3656

Sweetspot

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



51.1858, -43.8610, 30.7056



74.4248, -31.6290, 22.6751



58.2943, -15.6574, 35.6465



34.9496, -16.3962, 11.6918



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.



51.1858, -43.8610, 30.7056



68.4966, -58.7060, 41.1146



51.7659, -40.2401, 22.1640



28.1005, -4.7808, 3.7329



45.1241, -38.6628, 27.0607



6.5441, -5.5852, 3.8773

Inverse Universe

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



32.1864, 63.1134, -41.1642



43.0700, 84.4507, -55.0518



28.9629, 51.6769, 2.6130



26.8341, 2.0027, -0.8476



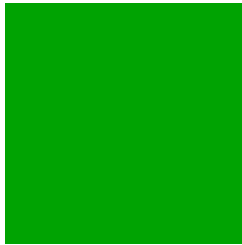
28.3753, 55.6418, -36.3010



4.1186, 8.0843, -5.3319

Previews

White Background



This preview shows how the HunterLab color 51.1847, -43.8603, 30.7054 looks on a white background.

Color Contrast Check

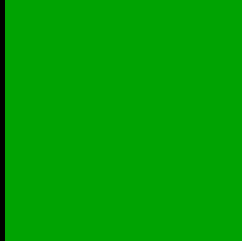
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1847, -43.8603, 30.7054 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 51.1847, -43.8603, 30.7054 Background



This preview shows how black text looks on a background with the HunterLab color 51.1847, -43.8603, 30.7054.



This preview shows how white text looks on a background with the HunterLab color 51.1847, -43.8603, 30.7054.

-43.8603, 30.7054.

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

51.1847, -43.8603, 30.7054

Protanopia

50.9159, -7.4787, 31.2432

Deuteranopia

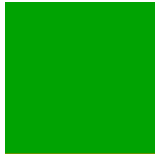
50.7325, 3.5208, 29.4644



Tritanopia

51.3476, -19.2442, -9.2514

Trichromacy



Original Color

51.1847, -43.8603, 30.7054



Protanomaly

48.8788, -27.6520, 29.5999



Deuteranomaly

48.0482, -22.6652, 28.2100



Tritanomaly

50.3095, -33.2793, 14.6676

Monochromacy



Original Color

51.1847, -43.8603, 30.7054



Achromatopsia

34.2010, -1.8249, 1.8582



Achromatomaly

38.4355, -23.0941, 16.2492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1847, -43.8603, 30.7054 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, 163, 2)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 2)  
}
```

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, 163, 2) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 51.1847, -43.8603, 30.7054 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, 163, 2) }
```


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

```
.border{ border-color:rgb(0, 163, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 163, 2); box-shadow:4px  
4px 4px 4px rgb(0, 163, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1847, -43.8603, 30.7054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 2) }
```

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

```
.background{ background-color: rgb(0, 163,  
2) }
```

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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