

Converting Colors

HunterLab(50.9702, -43.6830,
30.5909)

Have a look what the booklet for
HunterLab(50.9702, -43.6830,
30.5909) contains.

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Color

**HunterLab(50.8380,
-43.5628, 30.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	00A202
RGB	0, 162, 2
RGB Percent	0%, 64%, 1%
CMY	1.0000, 0.3647, 0.9921
CMYK	1.00, 0.00, 0.99, 0.36
HSL	121°, 100%, 32%
HSV	121°, 100%, 64%
XYZ	12.9313, 25.8450, 4.3645
YIQ	95.3220, -45.1920, -84.1040

Conversions

Conversions Part 2

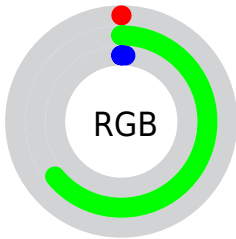
Format	Color
RYB	0, 160, 162
Decimal	41474
CIELab	57.89, -61.33, 58.95
CIELCh	58, 85.066, 136.135
Yxy	25.8461, 0.2997, 0.5991
Android (android.graphics.Color)	4278231554 (0xFF00A202)
YUV	95.3220, -46.0077, -83.5974
Hunter-Lab	50.8380, -43.5628, 30.4965

Details

The HunterLab color $[50.8380, -43.5628, 30.4965]$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $[31.9677, 62.6836, -40.8768]$, and the grayscale version is $[34.1276, -1.8210, 1.8542]$.

A 20% lighter version of the original color is $[72.7674, -51.8189, 38.7959]$, and $[33.0716, -28.3589, 19.8821]$ is the 20% darker color. If you saturate the color by 10%, you get $[50.8391, -43.5635, 30.4967]$, and if you desaturate by 10%, it is $[50.9876, -42.8516, 30.0020]$.

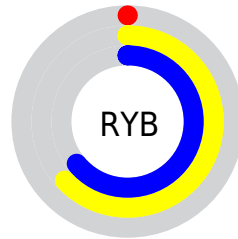
Distribution



Red (0%)

Green (64%)

Blue (1%)



Red (0%)

Yellow (63%)

Blue (64%)

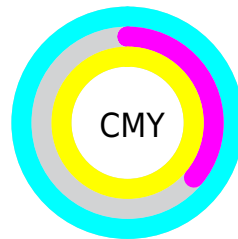


Cyan (100%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (100%)

Magenta (36%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8380, -43.5628, 30.4965 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 50.8380, -43.5628, 30.4965 by changing the saturation by 10% instead.

■ 50.8380, -43.5628,
30.4965

■ 50.8380, -43.5628,
30.4965

167.9362,
-76.9210, 63.8208

■ 40.8761, -38.9637,
25.9622

■ 72.8193, -51.9746,
38.8880

■ 31.6653, -33.9977,
21.3304

■ 84.7574, -55.8871,
42.8065

■ 23.2740, -28.5413,
16.2918

■ 97.2849, -59.6502,
46.5758

■ 15.7919, -23.2801,
11.0543

■ 110.3751,
-63.2883, 50.2174

■ 9.3464, -16.3561,
6.5425

■ 124.0048,
-66.8206, 53.7491

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 138.1535,


-70.2622, 57.1856


0.0000, NaN, NaN


 152.8029,
-73.6256, 60.5394


0.0000, NaN, NaN


 50.8380, -43.5628,
30.4965


 50.8380, -43.5628,
30.4965


 50.8391, -43.5635,
30.4967

 50.9876, -42.8516,
30.0020

 51.2550, -41.5742,
29.1036

 51.6867, -39.5324,
27.6941

 52.2993, -36.6716,
25.7396

 53.1041, -32.9740,
23.2307

■ 54.1074, -28.4538,
20.1785

■ 55.3120, -23.1513,
16.6111

■ 56.7168, -17.1263,
12.5696

■ 58.3181, -10.4518,
8.1034

Harmonies

Analogous

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



50.8391, -20.5308, 34.0741



50.8380, -43.5628, 30.4965



50.8391, -53.9179, 16.1357

Triad

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



50.8391, -43.5635, 30.4967



50.8391, -18.2399, -111.3787



50.8391, 82.1635, 17.8567

Complementary

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



50.8380, -43.5628, 30.4965



31.9677, 62.6836, -40.8768

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.



50.8391, 83.2844, -15.6430



50.8380, -43.5628, 30.4965



50.8391, 17.9510, -109.5556

Square

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



50.8391, -43.5635, 30.4967



50.8391, -42.2900, -71.1114



50.8391, 57.3223, -67.1220



50.8391, 54.5871, 31.0099

Rectangle

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



50.8380, -43.5628, 30.4965



50.8391, -54.7981, -4.7716



50.8391, 57.3223, -67.1220



50.8391, 85.8632, 9.3036

Sweetspot

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



50.8391, -43.5635, 30.4967



74.4249, -31.6283, 22.6735



57.8994, -15.5513, 35.4051



34.9497, -16.3959, 11.6910



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.



50.8391, -43.5635, 30.4967



68.4967, -58.7058, 41.1142



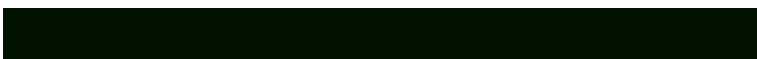
51.4157, -39.9639, 22.0054



28.1005, -4.7807, 3.7327



45.1242, -38.6626, 27.0602



6.5441, -5.5850, 3.8769

Inverse Universe

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



31.9677, 62.6836, -40.8768



43.0690, 84.4473, -55.0390



28.7677, 51.3306, 2.5806



26.8340, 2.0026, -0.8474



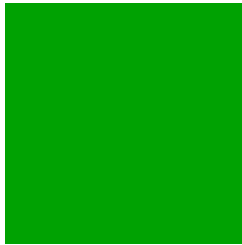
28.3747, 55.6396, -36.2928



4.1185, 8.0841, -5.3312

Previews

White Background



This preview shows how the HunterLab color 50.8380, -43.5628, 30.4965 looks on a white background.

Color Contrast Check

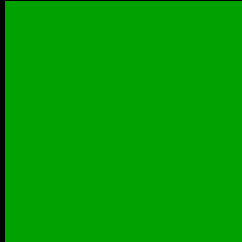
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.8380, -43.5628, 30.4965 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 50.8380, -43.5628, 30.4965 Background



This preview shows how black text looks on a background with the HunterLab color 50.8380, -43.5628, 30.4965.



This preview shows how white text looks on a background with the HunterLab color 50.8380,

-43.5628, 30.4965.

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

50.8380, -43.5628, 30.4965

Protanopia

50.5303, -7.3815, 31.0073

Deuteranopia

50.3514, 3.6150, 29.2172



Tritanopia

50.9966, -19.0245, -9.1946

Trichromacy



Original Color

50.8380, -43.5628, 30.4965



Protanomaly

48.4998, -27.5159, 29.3685



Deuteranomaly

47.7361, -22.2764, 28.0180



Tritanomaly

49.9557, -33.0522, 14.6600

Monochromacy



Original Color

50.8380, -43.5628, 30.4965



Achromatopsia

33.8283, -1.8050, 1.8380



Achromatomaly

38.0674, -22.9974, 16.1781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8380, -43.5628, 30.4965 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, 162, 2)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 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, 162, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8380, -43.5628, 30.4965 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, 162, 2) }
```


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

```
.border{ border-color:rgb(0, 162, 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, 162, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 162, 2); box-shadow:4px  
4px 4px 4px rgb(0, 162, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8380, -43.5628, 30.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 2) }
```

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

```
.background{ background-color: rgb(0, 162,  
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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