

Converting Colors

HunterLab(51.6235, -42.3534,
31.0687)

Have a look what the booklet for
HunterLab(51.6235, -42.3534,
31.0687) contains.

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Color

**HunterLab(51.5633,
-42.2551, 31.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	25A300
RGB	37, 163, 0
RGB Percent	15%, 64%, 0%
CMY	0.8549, 0.3608, 0.9999
CMYK	0.77, 0.00, 1.00, 0.36
HSL	106°, 100%, 32%
HSV	106°, 100%, 64%
XYZ	13.8602, 26.5877, 4.4015
YIQ	106.7440, -22.7730, -77.4050

Conversions

Conversions Part 2

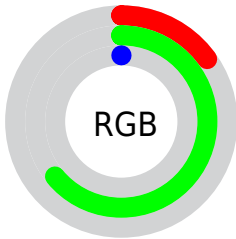
Format	Color
RYB	0, 163, 126
Decimal	2466560
CIELab	58.59, -58.34, 59.96
CIELCh	59, 83.659, 134.212
Yxy	26.5889, 0.3090, 0.5928
Android (android.graphics.Color)	4280656640 (0xFF25A300)
YUV	106.7440, -52.6248, -61.1655
Hunter-Lab	51.5633, -42.2551, 31.0333

Details

The HunterLab color **51.5633, -42.2551, 31.0333** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **26.6115, 55.5069, -59.8339**, and the grayscale version is **38.4482, -2.0515, 2.0890**.

A 20% lighter version of the original color is **73.6173, -50.1607, 39.5468**, and **33.3944, -28.6357, 20.0762** is the 20% darker color. If you saturate the color by 10%, you get **51.5641, -42.2569, 31.0338**, and if you desaturate by 10%, it is **51.8670, -40.9018, 30.6696**.

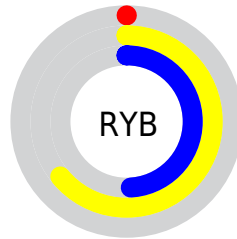
Distribution



Red (15%)

Green (64%)

Blue (0%)



Red (0%)

Yellow (64%)

Blue (49%)

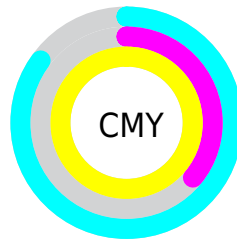


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (85%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5633, -42.2551, 31.0333 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 51.5633, -42.2551, 31.0333 by changing the saturation by 10% instead.

■ 51.5633, -42.2551,
31.0333

■ 51.5633, -42.2551,
31.0333

169.0150,
-74.1064, 64.7808

■ 41.5508, -37.8954,
26.4480

■ 73.6365, -50.2510,
39.5269

■ 32.2853, -33.1976,
21.7557

■ 85.6169, -53.9790,
43.4952

■ 23.8339, -28.0472,
16.6838

■ 98.1846, -57.5697,
47.3130

■ 16.2844, -22.6642,
11.3991

■ 111.3134,
-61.0456, 51.0018

■ 9.7611, -17.0819,
6.8328

■ 124.9801,
-64.4244, 54.5793

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 139.1645,


-67.7202, 58.0603


0.0000, NaN, NaN


 153.8483,
-70.9443, 61.4573


0.0000, NaN, NaN


 51.5633, -42.2551,
31.0333


 51.5633, -42.2551,
31.0333


 51.5641, -42.2569,
31.0338

 51.8670, -40.9018,
30.6696

 52.2818, -39.0298,
29.9326

 52.8247, -36.5640,
28.6593

 53.5028, -33.4880,
26.8035

 54.3204, -29.8038,
24.3422

■ 55.2799, -25.5285,
21.2714

■ 56.3816, -20.6915,
17.6023

■ 57.6244, -15.3314,
13.3585

■ 59.0055, -9.4926,
8.5725

Harmonies

Analogous

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



51.5644, -18.4715, 34.4170



51.5633, -42.2551, 31.0333



51.5644, -53.3872, 17.5381

Triad

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



51.5644, -42.2559, 31.0335



51.5644, -20.0502, -106.9987



51.5644, 81.5475, 16.3440

Complementary

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



51.5633, -42.2551, 31.0333



26.6115, 55.5069, -59.8339

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.



51.5644, 80.7861, -18.1811



51.5633, -42.2551, 31.0333



51.5644, 15.1053, -108.2251

Square

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



51.5644, -42.2559, 31.0335



51.5644, -43.1405, -66.1466



51.5644, 54.0278, -68.8403



51.5644, 55.8902, 30.6648

Rectangle

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



51.5633, -42.2551, 31.0333



51.5644, -54.7150, -2.1958



51.5644, 54.0278, -68.8403



51.5644, 84.5531, 7.3535

Sweetspot

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



51.5644, -42.2559, 31.0335



75.3629, -28.0753, 23.8544



47.3784, 1.6128, 29.2221



35.4264, -14.5703, 12.2754



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.



51.5644, -42.2559, 31.0335



68.9501, -56.7800, 41.4927



51.3552, -42.7995, 28.2035



28.2294, -4.3234, 3.9191



45.4763, -37.1703, 27.3716



6.7372, -4.7801, 4.0678

Inverse Universe

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



26.6115, 55.5069, -59.8339



35.4798, 74.1078, -80.5415



30.2194, 56.1992, -14.9715



26.6848, 1.5069, -1.0901



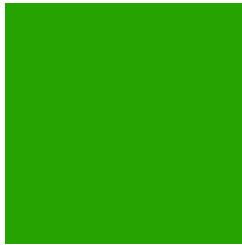
23.5032, 48.9938, -52.5936



3.6736, 7.4666, -6.7384

Previews

White Background



This preview shows how the HunterLab color 51.5633, -42.2551, 31.0333 looks on a white background.

Color Contrast Check

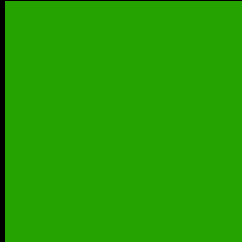
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5633, -42.2551, 31.0333 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 51.5633, -42.2551, 31.0333 Background



This preview shows how black text looks on a background with the HunterLab color 51.5633, -42.2551, 31.0333.



This preview shows how white text looks on a background with the HunterLab color 51.5633, -42.2551, 31.0333.

-42.2551, 31.0333.

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

51.5633, -42.2551, 31.0333

Protanopia

51.0150, -7.1251, 31.3104

Deuteranopia

51.1141, 3.4264, 29.7118



Tritanopia

51.6462, -18.1131, -8.8131

Trichromacy



Original Color

51.5633, -42.2551, 31.0333



Protanomaly

49.7566, -24.1883, 30.2363



Deuteranomaly

49.3603, -19.2066, 29.1676



Tritanomaly

50.7942, -31.3496, 15.4631

Monochromacy



Original Color

51.5633, -42.2551, 31.0333



Achromatopsia

38.3441, -2.0459, 2.0833



Achromatomaly

41.7012, -21.1305, 17.5507

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5633, -42.2551, 31.0333 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(37, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 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(37, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 163, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5633, -42.2551, 31.0333 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(37, 163, 0) }
```


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

```
.border{ border-color:rgb(37, 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(37, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(37, 163, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.5633, -42.2551, 31.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 163, 0) }
```

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

```
.background{ background-color: rgb(37, 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](#).

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