

Converting Colors

HunterLab(61.3286, -51.1848,
33.8379)

Have a look what the booklet for
HunterLab(61.3286, -51.1848,
33.8379) contains.

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Color

**HunterLab(61.2377,
-51.1180, 33.8072)**

Conversions

Conversions Part 1

Format	Color
Hex	00BF33
RGB	0, 191, 51
RGB Percent	0%, 75%, 20%
CMY	1.0000, 0.2510, 0.8000
CMYK	1.00, 0.00, 0.73, 0.25
HSL	136°, 100%, 37%
HSV	136°, 100%, 75%
XYZ	19.2283, 37.5006, 9.3568
YIQ	117.9310, -68.8960, -84.0320

Conversions

Conversions Part 2

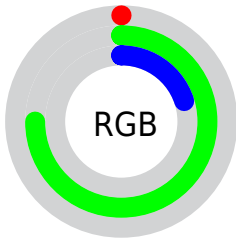
Format	Color
RYB	0, 151, 191
Decimal	48947
CIELab	67.65, -67.04, 55.97
CIELCh	68, 87.335, 140.146
Yxy	37.5021, 0.2910, 0.5674
Android (android.graphics.Color)	4278239027 (0xFF00BF33)
YUV	117.9310, -32.9970, -103.4255
Hunter-Lab	61.2377, -51.1180, 33.8072

Details

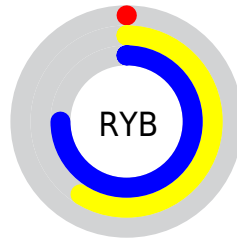
The HunterLab color **61.2377, -51.1180, 33.8072** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **36.0142, 66.9327, -17.4824**, and the grayscale version is **42.6805, -2.2773, 2.3189**.

A 20% lighter version of the original color is **84.5584, -59.8809, 41.4953**, and **41.9623, -35.9826, 25.2270** is the 20% darker color. If you saturate the color by 10%, you get **61.2390, -51.1188, 33.8075**, and if you desaturate by 10%, it is **61.4689, -49.9096, 32.1787**.

Distribution



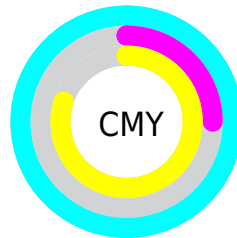
- Red (0%)
- Green (75%)
- Blue (20%)



- Red (0%)
- Yellow (59%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (25%)





- Cyan (100%)
- Magenta (25%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 61.2377, -51.1180, 33.8072 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 61.2377, -51.1180, 33.8072 by changing the saturation by 10% instead.


 61.2377, -51.1180,
33.8072


 61.2377, -51.1180,
33.8072


183.1609,
-86.0299, 64.6568

 50.5930, -46.4080,
29.7018


 84.4656, -59.8283,
41.4589


 40.6473, -41.3789,
25.3655


 96.9793, -63.9103,
45.0604


 31.4552, -35.9391,
20.8392


 110.0563,
-67.8497, 48.5418

 23.0845, -29.9532,
16.1591

 123.6734,
-71.6681, 51.9203

 15.6254, -24.8229,
10.9378

 137.8100,
-75.3824, 55.2102

 9.2040, -16.1069,
6.4428

 152.4476,

0.0000, NaN, NaN

-79.0069, 58.4232

0.0000, NaN, NaN

167.5696,
-82.5529, 61.5693

0.0000, NaN, NaN

■ 61.2377, -51.1180,
33.8072

■ 61.2377, -51.1180,
33.8072

■ 61.2390, -51.1188,
33.8075

■ 61.4689, -49.9096,
32.1787

■ 61.8414, -48.0413,
30.1725

■ 62.3957, -45.3625,
27.8123

■ 63.1488, -41.8278,
25.1187

■ 64.1120, -37.4276,
22.1204

■ 65.2920, -32.1815,
18.8532

■ 66.6911, -26.1336,
15.3574

■ 68.3087, -19.3457,
11.6756

■ 70.1408, -11.8916,
7.8502

Harmonies

Analogous

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



61.2390, -27.1636, 39.6908



61.2377, -51.1180, 33.8072



61.2390, -61.3145, 14.3947

Triad

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



61.2390, -51.1188, 33.8074



61.2390, -15.6633, -118.0333



61.2390, 84.9451, 23.2681

Complementary

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



61.2377, -51.1180, 33.8072



36.0142, 66.9327, -17.4824

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.



61.2390, 90.2739, -10.2754



61.2377, -51.1180, 33.8072



61.2390, 24.9600, -109.6827

Square

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



61.2390, -51.1188, 33.8074



61.2390, -44.5304, -81.3988



61.2390, 66.1302, -62.8591



61.2390, 53.0080, 36.8085

Rectangle

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



61.2377, -51.1180, 33.8072



61.2390, -61.2758, -10.7147



61.2390, 66.1302, -62.8591



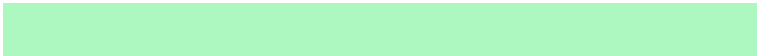
61.2390, 90.1716, 14.6827

Sweetspot

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



61.2390, -51.1188, 33.8074



89.1544, -35.3815, 20.7807



65.4557, -34.2134, 39.7345



41.3896, -18.2486, 10.6871



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



61.2390, -51.1188, 33.8074



81.9327, -68.5408, 45.5512



62.7311, -41.9040, 12.0502



32.6961, -5.2963, 3.5344



49.6554, -41.3664, 27.2333



9.8849, -7.8296, 4.5466

Inverse Universe

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



36.0142, 66.9327, -17.4824



48.1522, 89.4160, -22.7901



33.5603, 58.0276, 17.3862



31.0670, 2.0448, -0.0703



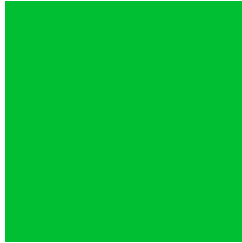
29.2189, 54.3444, -14.4992



5.8714, 11.0699, -4.0742

Previews

White Background



This preview shows how the HunterLab color 61.2377, -51.1180, 33.8072 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 61.2377, -51.1180, 33.8072 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 61.2377, -51.1180, 33.8072 Background



This preview shows how black text looks on a background with the HunterLab color 61.2377, -51.1180, 33.8072.



This preview shows how white text looks on a background with the HunterLab color 61.2377, -51.1180, 33.8072.

-51.1180, 33.8072.

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

61.2377, -51.1180, 33.8072

Protanopia

60.7644, -7.9370, 34.9787

Deuteranopia

60.4325, 4.4286, 32.4093



Tritanopia

61.0825, -23.0604, -11.7365

Trichromacy



Original Color

61.2377, -51.1180, 33.8072



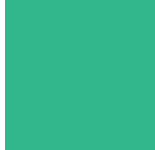
Protanomaly

58.5314, -32.3331, 32.7766



Deuteranomaly

57.4444, -26.3506, 30.5234



Tritanomaly

60.3889, -37.5289, 11.8136

Monochromacy



Original Color

61.2377, -51.1180, 33.8072



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

47.4919, -26.5545, 15.5790

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.2377, -51.1180, 33.8072 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, 191, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 51)  
}
```

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, 191, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 61.2377, -51.1180, 33.8072 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, 191, 51) }
```


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

```
.border{ border-color:rgb(0, 191, 51) }
```

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

Here you see how a box with a 4 pixel rgb(0, 191, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 51);  
box-shadow:4px 4px 4px 4px rgb(0, 191, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 61.2377, -51.1180, 33.8072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 51) }
```

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

```
.background{ background-color: rgb(0, 191,  
51) }
```

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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