

Converting Colors

HunterLab(67.9540, -51.0735,
37.0037)

Have a look what the booklet for
HunterLab(67.9540, -51.0735,
37.0037) contains.

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Color

**HunterLab(68.1101,
-51.2366, 37.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	49CF3E
RGB	73, 207, 62
RGB Percent	29%, 81%, 24%
CMY	0.7137, 0.1882, 0.7568
CMYK	0.65, 0.00, 0.70, 0.19
HSL	115°, 60%, 53%
HSV	115°, 70%, 81%
XYZ	25.9299, 46.3899, 12.1449
YIQ	150.4040, -33.3190, -73.5030

Conversions

Conversions Part 2

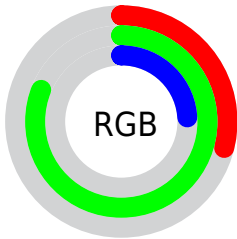
Format	Color
RYB	62, 207, 196
Decimal	4837182
CIELab	73.80, -62.78, 58.55
CIELCh	74, 85.843, 136.996
Yxy	46.3918, 0.3070, 0.5492
Android (android.graphics.Color)	4283027262 (0xFF49CF3E)
YUV	150.4040, -43.5832, -67.8833
Hunter-Lab	68.1101, -51.2366, 37.1049

Details

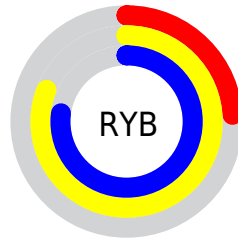
The HunterLab color **68.1101, -51.2366, 37.1049** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **44.3710, 66.1813, -50.3832**, and the grayscale version is **55.5704, -2.9651, 3.0192**.

A 20% lighter version of the original color is **88.3871, -55.1401, 42.2091**, and **47.0460, -40.3419, 28.2832** is the 20% darker color. If you saturate the color by 10%, you get **67.5058, -54.0562, 38.7834**, and if you desaturate by 10%, it is **68.9417, -47.3998, 34.6650**.

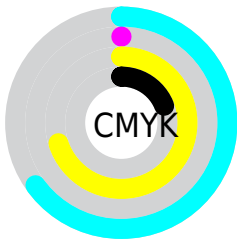
Distribution



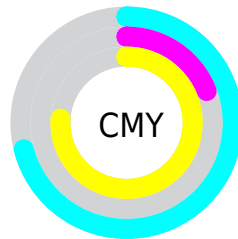
- Red (29%)
- Green (81%)
- Blue (24%)



- Red (24%)
- Yellow (81%)
- Blue (77%)



- Cyan (65%)
- Magenta (0%)
- Yellow (70%)
- Black (19%)



- Cyan (71%)
- Magenta (19%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1101, -51.2366, 37.1049 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 68.1101, -51.2366, 37.1049 by changing the saturation by 10% instead.

■ 68.1101, -51.2366,
37.1049

■ 68.1101, -51.2366,
37.1049

192.9719,
-83.5961, 68.5979

■ 57.0571, -46.9652,
32.9576

■ 92.0897, -59.2090,
44.8717

■ 46.6753, -42.4397,
28.5933

■ 104.9526,
-62.9726, 48.5410

■ 37.0130, -37.5918,
23.9811

■ 118.3642,
-66.6190, 52.0945

■ 28.1284, -32.3213,
19.6899

■ 132.3029,
-70.1656, 55.5480

■ 20.0966, -26.4778,
14.0676

■ 146.7495,
-73.6261, 58.9149

■ 13.0202, -22.7853,
9.1141

161.6867,

■ 6.4852, -11.3491,

-77.0120, 62.2061

4.5396

177.0989,
-80.3327, 65.4312

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1101, -51.2366,
37.1049

■ 68.1101, -51.2366,
37.1049

■ 67.5058, -54.0562,
38.7834

■ 68.9417, -47.3998,
34.6650

■ 67.1066, -55.9126,
39.7620

■ 70.0081, -42.5279,
31.4361


■ 66.8842, -56.9401,
40.2169


■ 71.3178, -36.6428,
27.4221

■ 72.8730, -29.7946,
22.6510


■ 74.6722, -22.0556,

17.1697

 76.7108, -13.5124,
11.0382

 78.9817, -4.2594,
4.3243

 81.4759, 5.6077,
-2.9016

 84.1832, 15.9962,
-10.5699

Harmonies

Analogous

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



68.1115, -24.6859, 43.1197



68.1101, -51.2366, 37.1049



68.1115, -63.5287, 18.1974

Triad

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



68.1115, -51.2376, 37.1052



68.1115, -20.0897, -112.9854



68.1115, 86.5859, 21.8083

Complementary

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



68.1101, -51.2366, 37.1049



44.3710, 66.1813, -50.3832

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.



68.1115, 88.6288, -14.8891



68.1101, -51.2366, 37.1049



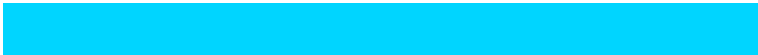
68.1115, 20.3238, -109.8779

Square

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



68.1115, -51.2376, 37.1052



68.1115, -48.5450, -74.3967



68.1115, 62.2001, -67.4189



68.1115, 57.1336, 38.4378

Rectangle

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



68.1101, -51.2366, 37.1049



68.1115, -64.3842, -5.8154



68.1115, 62.2001, -67.4189



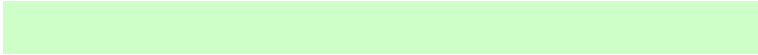
68.1115, 90.7053, 12.0274

Sweetspot

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



68.1115, -51.2376, 37.1052



94.2391, -29.1603, 22.6189



72.5316, -13.4782, 40.7317



43.2953, -14.7910, 11.3885

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1115, -51.2376, 37.1052



85.1762, -69.7450, 49.8166



68.6057, -47.6259, 25.4100



36.3984, -6.1326, 5.0351



53.1036, -45.1309, 31.9321



12.6176, -10.4130, 7.5926

Inverse Universe

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



44.3710, 66.1813, -50.3832



52.0582, 95.2588, -74.0047



43.3652, 58.6706, -9.7605



34.5855, 2.5375, -1.3478



31.4010, 62.8140, -49.7764



7.5180, 14.9857, -11.5053

Previews

White Background



This preview shows how the HunterLab color 68.1101, -51.2366, 37.1049 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 68.1101, -51.2366, 37.1049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

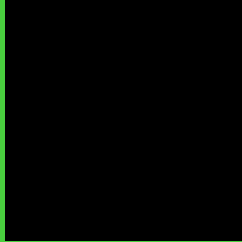
Any Text WCAG AA ✓ Pass

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 68.1101, -51.2366, 37.1049 Background



This preview shows how black text looks on a background with the HunterLab color 68.1101, -51.2366, 37.1049.



This preview shows how white text looks on a background with the HunterLab color 68.1101, -51.2366, 37.1049.

-51.2366, 37.1049.

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

68.1101, -51.2366, 37.1049

Protanopia

67.4351, -8.5108, 38.2263

Deuteranopia

67.3215, 4.8554, 35.7057



Tritanopia

67.7728, -21.7762, -11.3914

Trichromacy



Original Color

68.1101, -51.2366, 37.1049



Protanomaly

66.4086, -28.3345, 36.8507



Deuteranomaly

65.6110, -21.2464, 34.8211



Tritanomaly

67.2468, -35.6234, 13.0826

Monochromacy



Original Color

68.1101, -51.2366, 37.1049



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.7974, -24.3917, 18.5206

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1101, -51.2366, 37.1049 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(73, 207, 62)` looks like.

```
.text, #text, p{  
    color:rgb(73, 207, 62)  
}
```

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(73, 207, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 207, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1101, -51.2366, 37.1049 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(73, 207, 62) }
```


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

```
.border{ border-color:rgb(73, 207, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 207, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 207, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 207, 62);  
box-shadow:4px 4px 4px 4px rgb(73, 207,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1101, -51.2366, 37.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 207, 62) }
```

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

```
.background{ background-color: rgb(73, 207,  
62) }
```

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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