

Converting Colors

HunterLab(67.0826, -53.8349,
37.8206)

Have a look what the booklet for
HunterLab(67.0826, -53.8349,
37.8206) contains.

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Color

**HunterLab(67.0950,
-53.8529, 37.8331)**

Conversions

Conversions Part 1

Format	Color
Hex	31CE31
RGB	49, 206, 49
RGB Percent	19%, 81%, 19%
CMY	0.8078, 0.1921, 0.8078
CMYK	0.76, 0.00, 0.76, 0.19
HSL	120°, 62%, 50%
HSV	120°, 76%, 81%
XYZ	23.8923, 45.0174, 10.3357
YIQ	141.1590, -43.1750, -82.1110

Conversions

Conversions Part 2

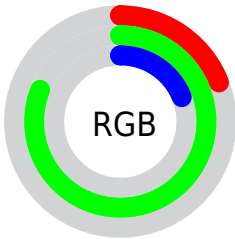
Format	Color
R_{YB}	49, 206, 206
Decimal	3264049
CIE Lab	72.90, -67.65, 62.05
CIE LCh	73, 91.794, 137.473
Yxy	45.0193, 0.3015, 0.5681
Android (android.graphics.Color)	4281454129 (0xFF31CE31)
YUV	141.1590, -45.4344, -80.8234
Hunter-Lab	67.0950, -53.8529, 37.8331

Details

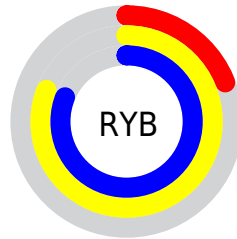
The HunterLab color **67.0950, -53.8529, 37.8331** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **44.4693, 73.4801, -49.1635**, and the grayscale version is **51.8627, -2.7673, 2.8178**.

A 20% lighter version of the original color is **87.5360, -58.8836, 43.6727**, and **46.7041, -40.0487, 28.0777** is the 20% darker color. If you saturate the color by 10%, you get **66.6955, -55.7589, 39.1218**, and if you desaturate by 10%, it is **67.7267, -50.8859, 35.8263**.

Distribution



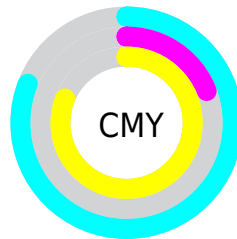
- Red (19%)
- Green (81%)
- Blue (19%)



- Red (19%)
- Yellow (81%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (76%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.0950, -53.8529, 37.8331 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 67.0950, -53.8529, 37.8331 by changing the saturation by 10% instead.

67.0950, -53.8529,
37.8331

67.0950, -53.8529,
37.8331

191.5337,
-88.4671, 71.0391

56.1004, -49.2434,
33.4425

90.9667, -62.4285,
46.0496

45.7810, -44.3482,
28.8244

103.7793,
-66.4652, 49.9262

36.1857, -39.0910,
23.9637

117.1428,
-70.3695, 53.6766

27.3739, -33.3606,
19.1618

131.0352,
-74.1607, 57.3176

19.4229, -27.0178,
13.5960

145.4371,
-77.8544, 60.8633

12.4384, -21.7671,
8.7068

160.3310,

5.6706, -9.9235,

-81.4633, 64.3256

3.9694

175.7014,
-84.9979, 67.7147

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0950, -53.8529,
37.8331

■ 67.0950, -53.8529,
37.8331

■ 66.6955, -55.7589,
39.1218

■ 67.7267, -50.8859,
35.8263

■ 66.4920, -56.7305,
39.7790

■ 68.6075, -46.7912,
33.0575


■ 66.4413, -56.9733,
39.9432


■ 69.7528, -41.5566,
29.5184


■ 71.1700, -35.2123,
25.2296


■ 72.8610, -27.8229,

20.2351

 74.8233, -19.4784,
14.5961

 77.0506, -10.2840,
8.3839

 79.5337, -0.3519,
1.6747

 82.2612, 10.2067,
-5.4561

Harmonies

Analogous

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



67.0964, -26.4218, 43.5528



67.0950, -53.8529, 37.8331



67.0964, -66.2224, 18.4333

Triad

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



67.0964, -53.8538, 37.8334



67.0964, -20.4208, -125.3757



67.0964, 93.6322, 23.0682

Complementary

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



67.0950, -53.8529, 37.8331



44.4693, 73.4801, -49.1635

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.



67.0964, 96.4019, -15.5134



67.0950, -53.8529, 37.8331



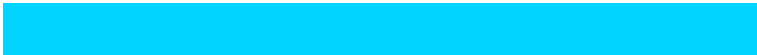
67.0964, 22.7877, -121.0479

Square

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



67.0964, -53.8538, 37.8334



67.0964, -50.4082, -82.7294



67.0964, 67.9713, -73.1120



67.0964, 61.1466, 39.4146

Rectangle

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



67.0950, -53.8529, 37.8331



67.0964, -66.9541, -7.2777



67.0964, 67.9713, -73.1120



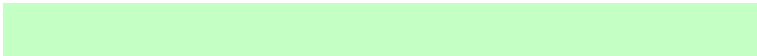
67.0964, 98.3144, 13.0055

Sweetspot

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



67.0964, -53.8538, 37.8334



93.4368, -32.4238, 23.7352



75.8212, -19.4931, 44.1072



42.8281, -16.7211, 12.1436

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.0964, -53.8538, 37.8334



84.7132, -71.8307, 50.3765



68.0756, -47.8052, 23.4738



35.4076, -6.1658, 4.8319



52.1360, -44.7065, 31.3431



11.8418, -10.1542, 7.1188

Inverse Universe

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



44.4693, 73.4801, -49.1635



53.9353, 102.8403, -68.9567



41.0664, 60.3433, -2.8758



33.7695, 2.6821, -1.2144



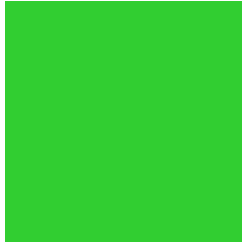
32.8995, 64.6810, -43.3882



7.4725, 14.6912, -9.8551

Previews

White Background



This preview shows how the HunterLab color 67.0950, -53.8529, 37.8331 looks on a white background.

Color Contrast Check

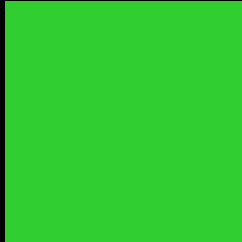
Large Text (above 18pt) WCAG AA × Fail

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 67.0950, -53.8529, 37.8331 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 67.0950, -53.8529, 37.8331 Background



This preview shows how black text looks on a background with the HunterLab color 67.0950, -53.8529, 37.8331.



This preview shows how white text looks on a background with the HunterLab color 67.0950, -53.8529, 37.8331.

-53.8529, 37.8331.

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

67.0950, -53.8529, 37.8331

Protanopia

66.4455, -9.1147, 38.8293

Deuteranopia

66.1506, 5.0582, 36.3679



Tritanopia

66.8881, -23.4952, -12.0911

Trichromacy



Original Color

67.0950, -53.8529, 37.8331



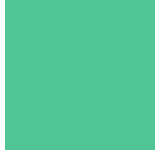
Protanomaly

64.8731, -31.0964, 37.1611



Deuteranomaly

64.0631, -24.0128, 35.2256



Tritanomaly

66.1791, -38.4147, 14.2563

Monochromacy



Original Color

67.0950, -53.8529, 37.8331



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

55.8401, -26.2874, 18.8843

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.0950, -53.8529, 37.8331 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(49, 206, 49)` looks like.

```
.text, #text, p{  
    color:rgb(49, 206, 49)  
}
```

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(49, 206, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 206, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 67.0950, -53.8529, 37.8331 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(49, 206, 49) }
```


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

```
.border{ border-color:rgb(49, 206, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 206, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 206, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 206, 49);  
box-shadow:4px 4px 4px 4px rgb(49, 206,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.0950, -53.8529, 37.8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 206, 49) }
```

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

```
.background{ background-color: rgb(49, 206,  
49) }
```

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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