

Converting Colors

HunterLab(69.8690, -37.8450,
31.7647)

Have a look what the booklet for
HunterLab(69.8690, -37.8450,
31.7647) contains.

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Color

**HunterLab(69.8657,
-37.8398, 31.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	81CC66
RGB	129, 204, 102
RGB Percent	51%, 80%, 40%
CMY	0.4941, 0.2000, 0.6000
CMYK	0.37, 0.00, 0.50, 0.20
HSL	104°, 50%, 60%
HSV	104°, 50%, 80%
XYZ	33.0444, 48.8122, 20.2504
YIQ	169.9470, -11.9580, -47.6220

Conversions

Conversions Part 2

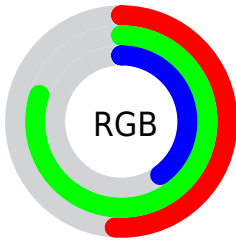
Format	Color
RYB	102, 204, 177
Decimal	8506470
CIELab	75.34, -42.10, 43.31
CIELCh	75, 60.404, 134.191
Yxy	48.8142, 0.3236, 0.4780
Android (android.graphics.Color)	4286696550 (0xFF81CC66)
YUV	169.9470, -33.4979, -35.9105
Hunter-Lab	69.8657, -37.8398, 31.7209

Details

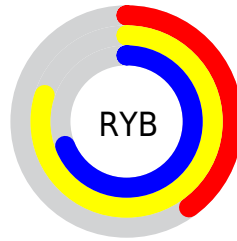
The HunterLab color **69.8657, -37.8398, 31.7209** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **48.1778, 40.8602, -39.9040**, and the grayscale version is **63.5187, -3.3892, 3.4511**.

A 20% lighter version of the original color is **91.7610, -40.5898, 35.7952**, and **48.1557, -31.7519, 25.2614** is the 20% darker color. If you saturate the color by 10%, you get **68.8246, -42.5299, 34.8562**, and if you desaturate by 10%, it is **71.0861, -32.4122, 27.7690**.

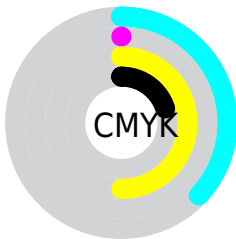
Distribution



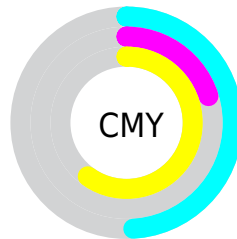
- Red (51%)
- Green (80%)
- Blue (40%)



- Red (40%)
- Yellow (80%)
- Blue (69%)



- Cyan (37%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.8657, -37.8398, 31.7209 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 69.8657, -37.8398, 31.7209 by changing the saturation by 10% instead.

■ 69.8657, -37.8398,
31.7209

■ 69.8657, -37.8398,
31.7209

195.4509,
-61.1927, 56.1481

■ 58.7130, -34.8878,
28.5852

■ 94.0295, -43.4359,
37.6334

■ 48.2251, -31.7944,
25.2921

■ 106.9783,
-46.1147, 40.4496

■ 38.4487, -28.5199,
21.8049

■ 120.4722,
-48.7324, 43.1929

■ 29.4402, -25.0038,
18.0772

■ 134.4901,
-51.2990, 45.8745

■ 21.2716, -21.1515,
14.8178

149.0132,
-53.8223, 48.5038

■ 14.0401, -17.1224,
9.8281

164.0244,

■ 7.6856, -13.4498,

-56.3089, 51.0884

5.3799

179.5083,
-58.7642, 53.6347

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.8657, -37.8398,
31.7209

■ 69.8657, -37.8398,
31.7209

■ 68.8246, -42.5299,
34.8562

■ 71.0861, -32.4122,
27.7690

■ 67.9554, -46.4585,
37.1836

■ 72.4818, -26.2783,
23.0096

■ 67.2541, -49.6257,
38.7395

■ 74.0530, -19.4857,
17.4706

■ 66.7119, -52.0538,
39.5913


■ 75.7965, -12.0888,
11.1917

■ 66.3113, -53.8228,


■ 77.7082, -4.1460,


39.9184


4.2218

 66.3113, -53.8228,
39.9184

 79.7825, 4.2826,
-3.3852

 82.0134, 13.1380,
-11.5726

 83.9933, 20.2909,
-14.6711

 84.6568, 22.3953,
-13.7020

Harmonies

Analogous

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



69.8672, -16.6106, 37.7293



69.8657, -37.8398, 31.7209



69.8672, -48.8605, 16.5171

Triad

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



69.8672, -37.8412, 31.7214



69.8672, -17.9835, -66.8351



69.8672, 57.4233, 15.3680

Complementary

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



69.8657, -37.8398, 31.7209



48.1778, 40.8602, -39.9040

Split Complementary

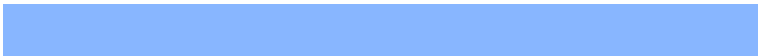
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8672, 56.8974, -11.8663



69.8657, -37.8398, 31.7209



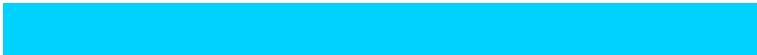
69.8672, 10.1535, -67.5478

Square

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



69.8672, -37.8412, 31.7214



69.8672, -38.7074, -42.9111



69.8672, 38.5128, -44.5865



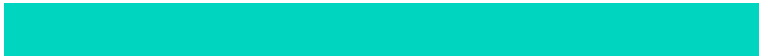
69.8672, 39.8520, 31.1707

Rectangle

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



69.8657, -37.8398, 31.7209



69.8672, -50.2452, -0.0971



69.8672, 38.5128, -44.5865



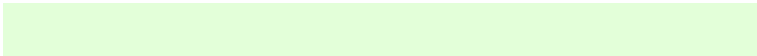
69.8672, 59.4354, 7.4906

Sweetspot

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



69.8672, -37.8412, 31.7214



96.3468, -20.5950, 18.7157



67.2043, -3.4364, 30.2601



44.3555, -10.4597, 9.4457

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.8672, -37.8412, 31.7214



88.4726, -55.1613, 45.1267



68.9304, -40.7998, 24.8395



35.6064, -5.4525, 5.0612



52.6443, -42.5424, 31.6944



12.1144, -9.0022, 7.3073

Inverse Universe

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



48.1778, 40.8602, -39.9040



55.7628, 64.6459, -65.0996



50.6408, 45.0178, -18.6899



33.5389, 1.9083, -1.5219



26.2160, 55.3623, -64.1951



6.2467, 12.9638, -13.5297

Previews

White Background



This preview shows how the HunterLab color 69.8657, -37.8398, 31.7209 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 69.8657, -37.8398, 31.7209 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 69.8657, -37.8398, 31.7209 Background



This preview shows how black text looks on a background with the HunterLab color 69.8657, -37.8398, 31.7209.



This preview shows how white text looks on a background with the HunterLab color 69.8657,

-37.8398, 31.7209.

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

69.8657, -37.8398, 31.7209

Protanopia

69.5424, -7.9490, 33.4822

Deuteranopia

69.2835, 5.0632, 30.3997



Tritanopia

69.6106, -13.4338, -8.1685

Trichromacy



Original Color

69.8657, -37.8398, 31.7209



Protanomaly

69.2302, -20.1183, 32.4110



Deuteranomaly

68.5399, -12.7857, 30.2147



Tritanomaly

69.2242, -23.8872, 10.0880

Monochromacy



Original Color

69.8657, -37.8398, 31.7209



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

65.1681, -17.2006, 15.4833

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.8657, -37.8398, 31.7209 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(129, 204, 102)` looks like.

```
.text, #text, p{  
    color:rgb(129, 204, 102)  
}
```

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(129, 204, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 204, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 69.8657, -37.8398, 31.7209 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(129, 204, 102) }
```


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

```
.border{ border-color:rgb(129, 204, 102) }
```

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

Here you see how a box with a 4 pixel rgb(129, 204, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 204, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 204, 102);  
box-shadow:4px 4px 4px 4px rgb(129, 204,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.8657, -37.8398, 31.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 204, 102) }
```

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

```
.background{ background-color: rgb(129,  
204, 102) }
```

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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