

Converting Colors

HunterLab(69.3828, -41.1436,
42.0327)

Have a look what the booklet for
HunterLab(69.3828, -41.1436,
42.0327) contains.

HunterLab(69.4063, -41.0513, 42.0491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(69.4063,
-41.0513, 42.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	85CC00
RGB	133, 204, 0
RGB Percent	52%, 80%, 0%
CMY	0.4784, 0.2000, 0.9999
CMYK	0.35, 0.00, 1.00, 0.20
HSL	81°, 100%, 40%
HSV	81°, 100%, 80%
XYZ	31.2658, 48.1723, 7.6504
YIQ	159.5150, 23.1680, -78.4960

Conversions

Conversions Part 2

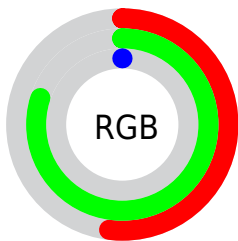
Format	Color
RYB	0, 204, 71
Decimal	8768512
CIELab	74.93, -46.80, 74.25
CIELCh	75, 87.771, 122.224
Yxy	48.1745, 0.3590, 0.5531
Android (android.graphics.Color)	4286958592 (0xFF85CC00)
YUV	159.5150, -78.6409, -23.2537
Hunter-Lab	69.4063, -41.0513, 42.0491

Details

The HunterLab color $69.4063, -41.0513, 42.0491$ is a dark color, and the websafe version is hex $99CC00$. The color can be described as dark washed chartreuse. A complement of this color would be $23.8772, 59.1432, -126.1111$, and the grayscale version is $59.3987, -3.1694, 3.2272$.

A 20% lighter version of the original color is $91.2968, -44.2983, 50.1665$, and $47.9069, -33.2701, 28.9376$ is the 20% darker color. If you saturate the color by 10%, you get $69.4072, -41.0553, 42.0497$, and if you desaturate by 10%, it is $69.8743, -39.1121, 41.7928$.

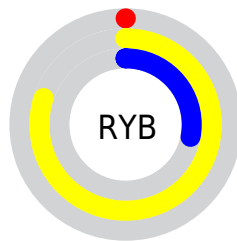
Distribution



Red (52%)

Green (80%)

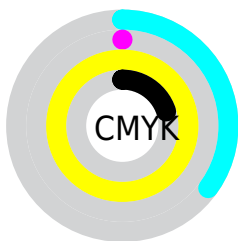
Blue (0%)



Red (0%)

Yellow (80%)

Blue (28%)

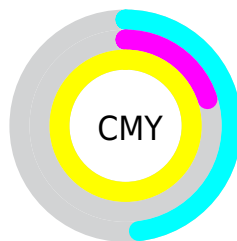


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (48%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.4063, -41.0513, 42.0491 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 69.4063, -41.0513, 42.0491 by changing the saturation by 10% instead.

■ 69.4063, -41.0513,
42.0491

■ 69.4063, -41.0513,
42.0491

194.8033,
-66.4062, 80.7246

■ 58.2796, -37.8078,
36.9418

■ 93.5222, -47.1741,
51.6407

■ 47.8192, -34.3979,
31.6014

■ 106.4486,
-50.0937, 56.1691

■ 38.0725, -30.7759,
26.3000

■ 119.9212,
-52.9399, 60.5470

■ 29.0961, -26.8720,
20.3673

■ 133.9185,
-55.7244, 64.7922

■ 20.9630, -22.5778,
14.6741

■ 148.4216,
-58.4563, 68.9202

■ 13.7716, -18.5402,
9.6401

■ 163.4136,

■ 7.3913, -12.9348,

-61.1432, 72.9442

5.1739

178.8788,
-63.7915, 76.8757

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.4063, -41.0513,
42.0491

■ 69.4063, -41.0513,
42.0491

■ 69.4072, -41.0553,
42.0497

■ 69.8743, -39.1121,
41.7928

■ 70.4049, -36.8549,
40.9846

■ 71.0121, -34.2150,
39.4453

■ 71.7012, -31.1686,
37.0966

■ 72.4764, -27.7028,

33.8852

■ 73.3404, -23.8130,
29.7772

■ 74.2951, -19.5015,
24.7546

■ 75.3414, -14.7764,
18.8130

■ 76.4798, -9.6501,
11.9597

Harmonies

Analogous

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



69.4078, -6.7501, 44.7529



69.4063, -41.0513, 42.0491



69.4078, -60.7476, 30.4937

Triad

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



69.4078, -41.0529, 42.0494



69.4078, -36.8593, -101.2270



69.4078, 94.3472, 6.6350

Complementary

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



69.4063, -41.0513, 42.0491



23.8772, 59.1432, -126.1111

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.



69.4078, 81.0677, -41.2358



69.4063, -41.0513, 42.0491



69.4078, -0.6109, -121.3256

Square

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



69.4078, -41.0529, 42.0494



69.4078, -58.7525, -49.5186



69.4078, 43.7121, -94.7925



69.4078, 76.6933, 33.1183

Rectangle

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



69.4063, -41.0513, 42.0491



69.4078, -65.9828, 13.2083



69.4078, 43.7121, -94.7925



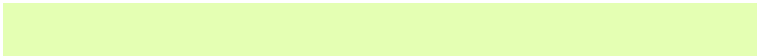
69.4078, 93.3485, -7.1947

Sweetspot

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



69.4078, -41.0529, 42.0494



95.5558, -25.3304, 32.1399



41.2003, 44.7534, 26.1698



43.9600, -12.8415, 16.2041

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.4078, -41.0529, 42.0494



89.2481, -53.1121, 54.0645



65.9761, -55.2479, 39.6863



35.9078, -4.3787, 5.4067



55.1117, -32.3758, 33.3928



12.6812, -6.7022, 7.6967

Inverse Universe

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



23.8772, 59.1432, -126.1111



30.5488, 75.9493, -163.4639



35.9269, 73.6567, -70.8534



33.2125, 0.8036, -1.9608



19.0644, 47.0413, -99.2525



4.7910, 11.1594, -19.8078

Previews

White Background



This preview shows how the HunterLab color 69.4063, -41.0513, 42.0491 looks on a white background.

Color Contrast Check

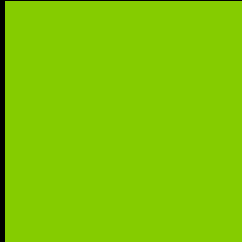
Large Text (above 18pt) WCAG AA × Fail

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 69.4063, -41.0513, 42.0491 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 69.4063, -41.0513, 42.0491 Background



This preview shows how black text looks on a background with the HunterLab color 69.4063, -41.0513, 42.0491.



This preview shows how white text looks on a background with the HunterLab color 69.4063, -41.0513, 42.0491.

-41.0513, 42.0491.

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

69.4063, -41.0513, 42.0491

Protanopia

68.9539, -9.6855, 42.3195

Deuteranopia

68.8580, 5.1574, 40.7917



Tritanopia

69.3576, -11.3295, -6.8344

Trichromacy



Original Color

69.4063, -41.0513, 42.0491

Protanomaly

68.5309, -22.3762, 41.8367

Deuteranomaly

68.0957, -14.2360, 40.9102

Tritanomaly

68.3761, -27.2484, 23.3433

Monochromacy



Original Color

69.4063, -41.0513, 42.0491

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

62.0435, -20.8236, 25.8539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.4063, -41.0513, 42.0491 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(133, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 204, 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(133, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 204, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 69.4063, -41.0513, 42.0491 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(133, 204, 0) }
```


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

```
.border{ border-color:rgb(133, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 204,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.4063, -41.0513, 42.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 204, 0) }
```

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

```
.background{ background-color: rgb(133,  
204, 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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