

# Converting Colors

HunterLab(69.0681, -42.4132,  
41.8169)

Have a look what the booklet for  
HunterLab(69.0681, -42.4132,  
41.8169) contains.

<b>HunterLab(69.0636, -42.4316, 41.8138)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(69.0636,  
-42.4316, 41.8138)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FCC00
RGB	127, 204, 0
RGB Percent	50%, 80%, 0%
CMY	0.5020, 0.2000, 0.9999
CMYK	0.38, 0.00, 1.00, 0.20
HSL	83°, 100%, 40%
HSV	83°, 100%, 80%
XYZ	30.3453, 47.6978, 7.6073
YIQ	157.7210, 19.5920, -79.7680

# Conversions

## Conversions Part 2

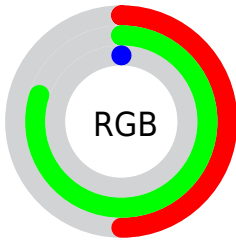
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 204, 77
Decimal	8375296
CIELab	74.64, -48.93, 73.89
CIELCh	75, 88.623, 123.513
Yxy	47.6999, 0.3543, 0.5569
Android (android.graphics.Color)	4286565376 (0xFF7FCC00)
YUV	157.7210, -77.7565, -26.9423
Hunter-Lab	69.0636, -42.4316, 41.8138

# Details

The HunterLab color **69.0636, -42.4316, 41.8138** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **24.3709, 59.6192, -122.9247**, and the grayscale version is **58.6633, -3.1301, 3.1873**.

A 20% lighter version of the original color is **90.8755, -45.9497, 49.8534**, and **47.6321, -34.4060, 28.7484** is the 20% darker color. If you saturate the color by 10%, you get **69.0645, -42.4355, 41.8143**, and if you desaturate by 10%, it is **69.5457, -40.4249, 41.5647**.

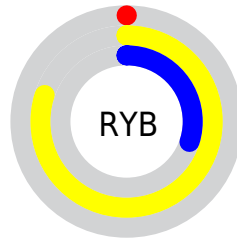
# Distribution



Red (50%)

Green (80%)

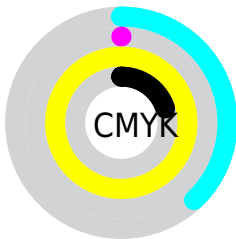
Blue (0%)



Red (0%)

Yellow (80%)

Blue (30%)

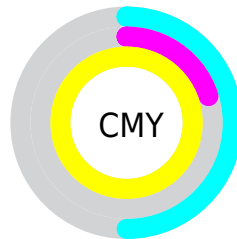


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (50%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.0636, -42.4316, 41.8138 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 69.0636, -42.4316, 41.8138 by changing the saturation by 10% instead.



■ 69.0636, -42.4316,  
41.8138

■ 69.0636, -42.4316,  
41.8138

194.3197,  
-68.7111, 80.3569

■ 57.9563, -39.0521,  
36.7216

■ 93.1437, -48.7988,  
51.3747

■ 47.5166, -35.4943,  
31.3958

■ 106.0533,  
-51.8297, 55.8878

■ 37.7921, -31.7093,  
26.1181

■ 119.5098,  
-54.7816, 60.2507

■ 28.8398, -27.6227,  
20.1879

■ 133.4917,  
-57.6666, 64.4811

■ 20.7333, -23.1192,  
14.5133

■ 147.9800,  
-60.4946, 68.5945

■ 13.5720, -19.2075,  
9.5004

■ 162.9575,

■ 7.1635, -12.5360,

-63.2738, 72.6041

5.0144

178.4087,  
-66.0108, 76.5217

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.0636, -42.4316,  
41.8138

■ 69.0636, -42.4316,  
41.8138

■ 69.0645, -42.4355,  
41.8143

■ 69.5457, -40.4249,  
41.5647

■ 70.0951, -38.0813,  
40.7646

■ 70.7256, -35.3366,  
39.2342

■ 71.4428, -32.1680,  
36.8964

■ 72.2506, -28.5639,

33.6991

■ 73.1516, -24.5218,  
29.6101

■ 74.1476, -20.0459,  
24.6135

■ 75.2393, -15.1464,  
18.7071

■ 76.4269, -9.8380,  
11.9002

# Harmonies

## Analogous

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



69.0651, -8.5076, 44.7023



69.0636, -42.4316, 41.8138



69.0651, -61.5515, 29.7557

# Triad

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



69.0651, -42.4331, 41.8141



69.0651, -35.7771, -104.4311



69.0651, 95.2871, 8.2480

# Complementary

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



69.0636, -42.4316, 41.8138



24.3709, 59.6192, -122.9247

# 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.



69.0651, 83.1570, -39.3515



69.0636, -42.4316, 41.8138



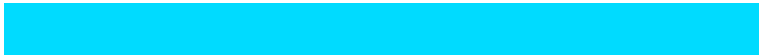
69.0651, 1.2658, -122.9025

# Square

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



69.0651, -42.4331, 41.8141



69.0651, -58.3934, -52.6074



69.0651, 46.0847, -94.1079



69.0651, 76.1663, 33.8968



# Rectangle

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



69.0636, -42.4316, 41.8138



69.0651, -66.4048, 11.7922



69.0651, 46.0847, -94.1079



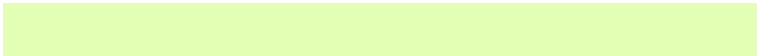
69.0651, 94.7451, -5.3716

# Sweetspot

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



69.0651, -42.4331, 41.8141



95.3639, -26.0393, 31.9563



42.2439, 41.8799, 26.7627



43.8605, -13.2120, 16.1120

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



69.0651, -42.4331, 41.8141



88.8053, -54.8976, 53.7603



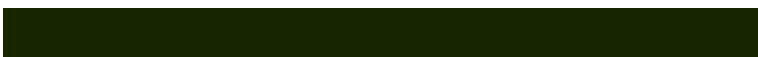
65.8969, -55.5856, 39.6316



35.8845, -4.4615, 5.3800



54.8413, -33.4640, 33.2071



12.6259, -6.9212, 7.6589



# Inverse Universe

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



24.3709, 59.6192, -122.9247



31.1789, 76.5508, -159.3543



36.9931, 75.1332, -67.4530



33.2368, 0.8863, -1.9279



19.4596, 47.4258, -96.7314



4.8834, 11.2617, -19.3147



# Previews

## White Background



This preview shows how the HunterLab color 69.0636, -42.4316, 41.8138 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 69.0636, -42.4316, 41.8138 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 69.0636, -42.4316, 41.8138 Background



This preview shows how black text looks on a background with the HunterLab color 69.0636, -42.4316, 41.8138.



This preview shows how white text looks on a background with the HunterLab color 69.0636, -42.4316, 41.8138.

-42.4316, 41.8138.

# 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

69.0636, -42.4316, 41.8138

### Protanopia

68.5484, -9.5836, 42.0714

### Deuteranopia

68.4568, 5.2547, 40.5361



## Tritanopia

69.0103, -12.5788, -7.3186

# Trichromacy



## Original Color

69.0636, -42.4316, 41.8138

## Protanomaly

68.2706, -23.3550, 41.6591

## Deuteranomaly

67.5934, -14.4834, 40.5904

## Tritanomaly

68.0475, -28.5081, 23.0303

# Monochromacy



## Original Color

69.0636, -42.4316, 41.8138

## Achromatopsia

58.4734, -3.1200, 3.1770

## Achromatomaly

61.4838, -21.3379, 25.6399

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.0636, -42.4316, 41.8138 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(127, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 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(127, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 204, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.0636, -42.4316, 41.8138 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(127, 204, 0) }
```



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

```
.border{ border-color:rgb(127, 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(127, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 204,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.0636, -42.4316, 41.8138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 204, 0) }
```

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

```
.background{ background-color: rgb(127,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor