

# Converting Colors

HunterLab(70.4153, -60.0663,  
42.3374)

Have a look what the booklet for  
HunterLab(70.4153, -60.0663,  
42.3374) contains.

<b>HunterLab(70.5062, -60.1472, 42.3926)</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(70.5062,  
-60.1472, 42.3926)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DD900
RGB	13, 217, 0
RGB Percent	5%, 85%, 0%
CMY	0.9490, 0.1490, 0.9999
CMYK	0.94, 0.00, 1.00, 0.15
HSL	116°, 100%, 43%
HSV	116°, 100%, 85%
XYZ	24.9788, 49.7112, 8.2787
YIQ	131.2660, -51.9270, -110.7350

# Conversions

## Conversions Part 2

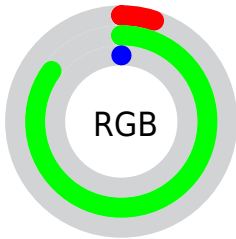
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 217, 204
Decimal	907520
CIELab	75.89, -75.82, 73.70
CIELCh	76, 105.737, 135.810
Yxy	49.7133, 0.3011, 0.5991
Android (android.graphics.Color)	4279097600 (0xFF0DD900)
YUV	131.2660, -64.7141, -103.7193
Hunter-Lab	70.5062, -60.1472, 42.3926

# Details

The HunterLab color **70.5062, -60.1472, 42.3926** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **42.2523, 84.2116, -64.6101**, and the grayscale version is **48.0097, -2.5617, 2.6085**.

A 20% lighter version of the original color is **86.9135, -61.9059, 46.7502**, and **50.1414, -42.9963, 30.1442** is the 20% darker color. If you saturate the color by 10%, you get **70.5075, -60.1490, 42.3934**, and if you desaturate by 10%, it is **70.7210, -59.1569, 41.9174**.

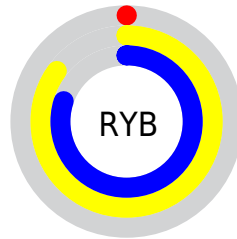
# Distribution



Red (5%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (80%)

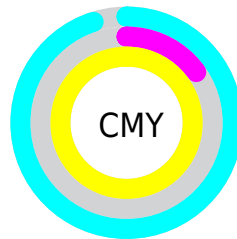


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (95%)

Magenta (15%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.5062, -60.1472, 42.3926 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 70.5062, -60.1472, 42.3926 by changing the saturation by 10% instead.





 70.5062, -60.1472,  
42.3926


 70.5062, -60.1472,  
42.3926


196.3527,  
-98.0864, 80.7012


 59.3175, -55.0839,  
37.3400


 94.7365, -69.5681,  
51.8833


 48.7913, -49.7115,  
32.0554


 107.7162,  
-74.0000, 56.3662

 38.9740, -43.9528,  
26.7051


 121.2399,  
-78.2836, 60.7015

 29.9210, -37.6981,  
20.9447

 135.2864,  
-82.4398, 64.9068

 21.7032, -30.7914,  
15.1923

 149.8371,  
-86.4854, 68.9972

 14.4163, -25.2286,  
10.0914

 164.8750,

 8.0770, -14.1348,

-90.4343, 72.9858

5.6539

180.3849,  
-94.2980, 76.8839

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5062, -60.1472,  
42.3926

■ 70.5062, -60.1472,  
42.3926

■ 70.5075, -60.1490,  
42.3934

■ 70.7210, -59.1569,  
41.9174


■ 71.1225, -57.2817,  
40.8828


■ 71.7461, -54.3711,  
39.1087


■ 72.6121, -50.3579,  
36.5289


■ 73.7343, -45.2227,

33.1157

 75.1207, -38.9862,  
28.8740

 76.7740, -31.7025,  
23.8350

 78.6928, -23.4505,  
18.0506

 80.8720, -14.3255,  
11.5865

# Harmonies

## Analogous

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



70.5077, -28.0139, 47.2693



70.5062, -60.1472, 42.3926



70.5077, -74.6797, 22.7227

# Triad

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



70.5077, -60.1482, 42.3928



70.5077, -25.7473, -154.0080



70.5077, 114.1138, 24.4256

# Complementary

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



70.5062, -60.1472, 42.3926



42.2523, 84.2116, -64.6101

# 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.



70.5077, 115.2226, -22.3568



70.5062, -60.1472, 42.3926



70.5077, 24.2787, -152.2049

# Square

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



70.5077, -60.1482, 42.3928



70.5077, -58.8880, -97.7641



70.5077, 78.9134, -93.8182



70.5077, 76.2077, 42.9009



# Rectangle

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



70.5062, -60.1472, 42.3926



70.5077, -76.0031, -6.0242



70.5077, 78.9134, -93.8182



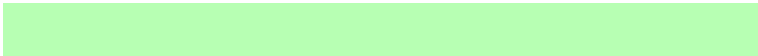
70.5077, 119.0956, 12.4537

# Sweetspot

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



70.5077, -60.1482, 42.3928



92.1036, -38.3253, 28.7995



75.6616, -14.7697, 46.3631



42.2044, -19.5140, 14.5620

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.5077, -60.1482, 42.3928



84.6307, -72.2562, 50.8841



71.0190, -56.8311, 33.9159



38.2664, -6.5205, 5.2978



54.8705, -46.7381, 32.9927



14.0139, -11.6922, 8.4306



# Inverse Universe

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



42.2523, 84.2116, -64.6101



50.6977, 101.0622, -77.6329



40.2275, 72.4405, -1.5532



36.3774, 2.7470, -1.4172



32.8980, 65.5568, -50.1988

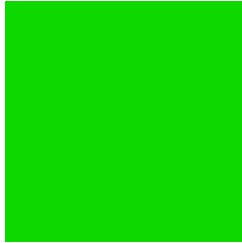


8.4465, 16.7909, -12.5725



# Previews

## White Background



This preview shows how the HunterLab color 70.5062, -60.1472, 42.3926 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 70.5062, -60.1472, 42.3926 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 70.5062, -60.1472, 42.3926 Background



This preview shows how black text looks on a background with the HunterLab color 70.5062, -60.1472, 42.3926.



This preview shows how white text looks on a background with the HunterLab color 70.5062, -60.1472, 42.3926.

-60.1472, 42.3926.

# 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

70.5062, -60.1472, 42.3926

### Protanopia

69.7661, -9.8897, 42.8164

### Deuteranopia

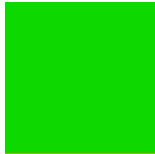
69.6990, 5.1622, 40.7509



## Tritanopia

70.4119, -26.4083, -12.9274

# Trichromacy



## Original Color

70.5062, -60.1472, 42.3926



## Protanomaly

67.3318, -37.1130, 40.8398



## Deuteranomaly

66.4286, -30.2577, 39.3070



## Tritanomaly

68.9540, -45.5383, 20.6891

# Monochromacy



## Original Color

70.5062, -60.1472, 42.3926



## Achromatopsia

47.6409, -2.5420, 2.5884



## Achromatomaly

53.4227, -31.6557, 23.2823

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.5062, -60.1472, 42.3926 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(13, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(13, 217, 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(13, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 217, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.5062, -60.1472, 42.3926 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(13, 217, 0) }
```



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

```
.border{ border-color:rgb(13, 217, 0) }
```

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

Here you see how a box with a 4 pixel rgb(13, 217, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(13, 217, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 70.5062, -60.1472, 42.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 217, 0) }
```

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

```
.background{ background-color: rgb(13, 217,  
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