

# Converting Colors

HunterLab(71.7856, -61.2590,  
42.9390)

Have a look what the booklet for  
HunterLab(71.7856, -61.2590,  
42.9390) contains.

<b>HunterLab(71.9613, -61.4246, 43.0539)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(71.9613,  
-61.4246, 43.0539)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08DD09
RGB	8, 221, 9
RGB Percent	3%, 87%, 4%
CMY	0.9686, 0.1333, 0.9646
CMYK	0.96, 0.00, 0.96, 0.13
HSL	120°, 93%, 45%
HSV	120°, 96%, 87%
XYZ	26.0059, 51.7843, 8.8832
YIQ	133.1450, -58.8960, -111.0880

# Conversions

## Conversions Part 2

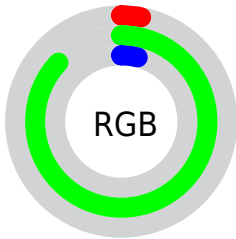
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 220, 221
Decimal	580873
CIELab	77.15, -76.92, 73.86
CIELCh	77, 106.639, 136.161
Yxy	51.7864, 0.3000, 0.5975
Android (android.graphics.Color)	4278770953 (0xFF08DD09)
YUV	133.1450, -61.2035, -109.7522
Hunter-Lab	71.9613, -61.4246, 43.0539

# Details

The HunterLab color **71.9613, -61.4246, 43.0539** 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 **45.5108, 88.3086, -58.5969**, and the grayscale version is **48.7411, -2.6007, 2.6482**.

A 20% lighter version of the original color is **86.9787, -61.5814, 46.3713**, and **51.5276, -44.1849, 30.9775** is the 20% darker color. If you saturate the color by 10%, you get **71.9148, -61.6553, 43.2089**, and if you desaturate by 10%, it is **72.1745, -60.4115, 42.3498**.

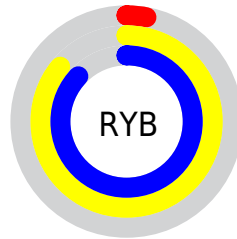
# Distribution



Red (3%)

Green (87%)

Blue (4%)



Red (3%)

Yellow (86%)

Blue (87%)

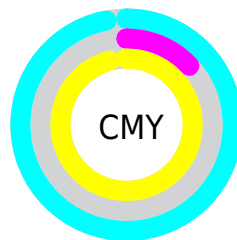


Cyan (96%)

Magenta (0%)

Yellow (96%)

Black (13%)



Cyan (97%)

Magenta (13%)


Yellow (96%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.9613, -61.4246, 43.0539 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 71.9613, -61.4246, 43.0539 by changing the saturation by 10% instead.





 71.9613, -61.4246,  
43.0539


 71.9613, -61.4246,  
43.0539


198.3965,  
-99.7068, 81.2901


 60.6917, -56.3247,  
38.0197


 96.3412, -70.9223,  
52.5156


 50.0796, -50.9185,  
32.7554


 109.3907,  
-75.3932, 56.9875


 40.1702, -45.1308,  
27.3518


 122.9814,  
-79.7157, 61.3139

 31.0173, -38.8552,  
21.7121

 137.0924,  
-83.9105, 65.5120

 22.6897, -31.9417,  
15.8828

 151.7054,  
-87.9943, 69.5967

 15.2791, -26.7383,  
10.6953

 166.8036,

 8.8987, -15.5728,

-91.9809, 73.5808

6.2291

182.3719,  
-95.8818, 77.4754

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.9613, -61.4246,  
43.0539

■ 71.9613, -61.4246,  
43.0539

■ 71.9148, -61.6553,  
43.2089

■ 72.1745, -60.4115,  
42.3498


■ 72.6000, -58.3865,  
40.9613


■ 73.2741, -55.2086,  
38.7969


■ 74.2205, -50.8058,  
35.8099


■ 75.4544, -45.1622,

31.9907

 76.9842, -38.3093,  
27.3620

 78.8124, -30.3169,  
21.9714

 80.9362, -21.2827,  
15.8855

 83.3487, -11.3214,  
9.1820

# Harmonies

## Analogous

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



71.9628, -28.9669, 48.1652



71.9613, -61.4246, 43.0539



71.9628, -76.0334, 22.7227

# Triad

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



71.9628, -61.4256, 43.0541



71.9628, -25.6654, -156.3080



71.9628, 115.4505, 25.2066

# Complementary

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



71.9613, -61.4246, 43.0539



45.5108, 88.3086, -58.5969

# 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.



71.9628, 117.0608, -21.9194



71.9613, -61.4246, 43.0539



71.9628, 25.2826, -153.6945

# Square

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



71.9628, -61.4256, 43.0541



71.9628, -59.5871, -99.8965



71.9628, 80.6203, -94.1728



71.9628, 76.6890, 43.8005



# Rectangle

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



71.9613, -61.4246, 43.0539



71.9628, -77.2690, -6.7381



71.9628, 80.6203, -94.1728



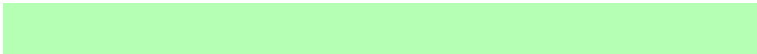
71.9628, 120.6577, 13.1571

# Sweetspot

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



71.9628, -61.4256, 43.0541



92.0341, -38.4636, 27.7334



81.9179, -21.9387, 49.9271



42.1515, -19.6656, 14.0923

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.9628, -61.4256, 43.0541



84.5711, -72.5083, 50.8181



72.7963, -56.2264, 30.7842



38.2195, -6.6868, 5.2231



54.8111, -46.9886, 32.9257



13.9523, -11.9517, 8.3610



# Inverse Universe

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



45.5108, 88.3086, -58.5969



53.2924, 104.6636, -69.4292



40.9546, 72.0407, 3.2331



36.4331, 2.9304, -1.3186



34.5399, 67.8365, -45.0119

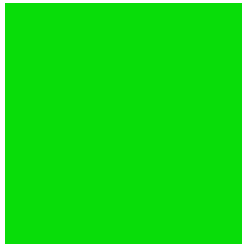


8.7935, 17.2734, -11.4833



# Previews

## White Background



This preview shows how the HunterLab color 71.9613, -61.4246, 43.0539 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 71.9613, -61.4246, 43.0539 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

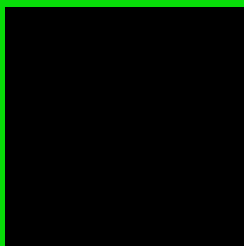
Any Text WCAG AA ✓ Pass

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 71.9613, -61.4246, 43.0539 Background



This preview shows how black text looks on a background with the HunterLab color 71.9613, -61.4246, 43.0539.



This preview shows how white text looks on a background with the HunterLab color 71.9613,

-61.4246, 43.0539.

# 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

71.9613, -61.4246, 43.0539

### Protanopia

71.0924, -9.8227, 43.6349

### Deuteranopia

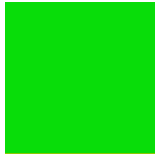
71.0398, 5.3334, 41.4426



## Tritanopia

71.5987, -26.7461, -13.5763

# Trichromacy



## Original Color

71.9613, -61.4246, 43.0539



## Protanomaly

68.6900, -38.6512, 41.5754



## Deuteranomaly

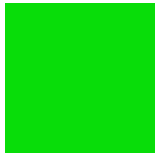
67.5049, -31.1192, 39.7222



## Tritanomaly

70.4677, -46.3341, 20.0718

# Monochromacy



## Original Color

71.9613, -61.4246, 43.0539



## Achromatopsia

48.4304, -2.5841, 2.6313



## Achromatomaly

54.4881, -32.3215, 22.9633

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.9613, -61.4246, 43.0539 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(8, 221, 9)` looks like.

```
.text, #text, p{  
    color:rgb(8, 221, 9)  
}
```

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(8, 221, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 221, 9) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.9613, -61.4246, 43.0539 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(8, 221, 9) }
```



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

```
.border{ border-color:rgb(8, 221, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 221, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 221, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 221, 9); box-shadow:4px  
4px 4px 4px rgb(8, 221, 9) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.9613, -61.4246, 43.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 221, 9) }
```

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

```
.background{ background-color: rgb(8, 221,  
9) }
```

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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