

# Converting Colors

HunterLab(71.7856, -61.3325,  
42.5628)

Have a look what the booklet for  
HunterLab(71.7856, -61.3325,  
42.5628) contains.

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# Color

**HunterLab(71.9493,  
-61.4279, 42.6748)**

# Conversions

Conversions Part 1	
Format	Color
Hex	00DD15
RGB	0, 221, 21
RGB Percent	0%, 87%, 8%
CMY	1.0000, 0.1333, 0.9176
CMYK	1.00, 0.00, 0.90, 0.13
HSL	126°, 100%, 43%
HSV	126°, 100%, 87%
XYZ	25.9918, 51.7670, 9.3316
YIQ	132.1210, -67.5160, -109.0520

# Conversions

## Conversions Part 2

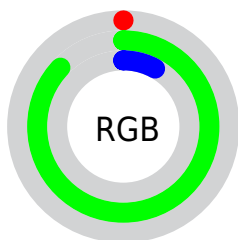
Format	Color
<a href="#">RYB</a>	<a href="#">0, 202, 221</a>
Decimal	<a href="#">56597</a>
CIELab	<a href="#">77.14, -76.93, 72.41</a>
CIELCh	<a href="#">77, 105.648, 136.734</a>
Yxy	<a href="#">51.7692, 0.2984, 0.5944</a>
Android (android.graphics.Color)	<a href="#">4278246677</a> (0xFF00DD15)
YUV	<a href="#">132.1210, -54.7827, -115.8701</a>
Hunter-Lab	<a href="#">71.9493, -61.4279, 42.6748</a>

# Details

The HunterLab color **71.9493, -61.4279, 42.6748** 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 **44.2067, 85.1369, -44.5472**, and the grayscale version is **48.3135, -2.5779, 2.6250**.

A 20% lighter version of the original color is **86.9427, -61.6527, 45.7448**, and **51.5276, -44.1849, 30.9775** is the 20% darker color. If you saturate the color by 10%, you get **71.9508, -61.4289, 42.6750**, and if you desaturate by 10%, it is **72.1435, -60.4586, 41.6709**.

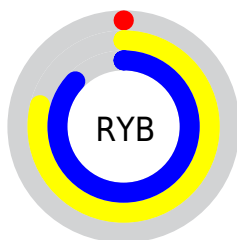
# Distribution



Red (0%)

Green (87%)

Blue (8%)



Red (0%)

Yellow (79%)

Blue (87%)

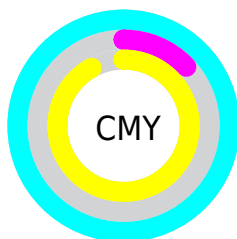


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (13%)



Cyan (100%)

Magenta (13%)


Yellow (92%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.9493, -61.4279, 42.6748 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 71.9493, -61.4279, 42.6748 by changing the saturation by 10% instead.





 71.9493, -61.4279,  
42.6748


 71.9493, -61.4279,  
42.6748


198.3796,  
-99.7176, 80.2422

 60.6804, -56.3268,  
37.7285


 96.3279, -70.9277,  
51.9678


 50.0690, -50.9193,  
32.5526


 109.3769,  
-75.3995, 56.3599


 40.1603, -45.1300,  
27.1965


 122.9670,  
-79.7229, 60.6095

 31.0083, -38.8527,  
21.7058

 137.0776,  
-83.9185, 64.7337

 22.6815, -31.9371,  
15.8771

 151.6900,  
-88.0030, 68.7473

 15.2719, -26.7258,  
10.6903

 166.7877,

 8.8923, -15.5615,

-91.9903, 72.6629

6.2246

182.3555,  
-95.8920, 76.4914

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.9493, -61.4279,  
42.6748

■ 71.9493, -61.4279,  
42.6748

■ 71.9508, -61.4289,  
42.6750

■ 72.1435, -60.4586,  
41.6709


■ 72.5203, -58.6134,  
40.0495


■ 73.1286, -55.6993,  
37.7729


■ 73.9927, -51.6398,  
34.8220


■ 75.1285, -46.4112,

31.2031

 76.5458, -40.0338,  
26.9450

 78.2481, -32.5650,  
22.0944

 80.2343, -24.0892,  
16.7113

 82.4992, -14.7093,  
10.8631

# Harmonies

## Analogous

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



71.9508, -29.5415, 48.0129



71.9493, -61.4279, 42.6748



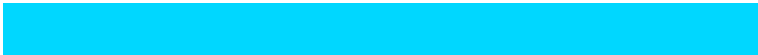
71.9508, -75.6668, 21.9363

# Triad

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



71.9508, -61.4289, 42.6750



71.9508, -24.6476, -154.6366



71.9508, 113.6538, 25.6280

# Complementary

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



71.9493, -61.4279, 42.6748



44.2067, 85.1369, -44.5472

# 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.



71.9508, 116.0283, -20.4542



71.9493, -61.4279, 42.6748



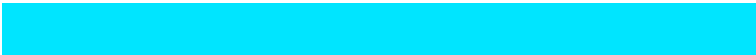
71.9508, 26.0605, -150.7963

# Square

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



71.9508, -61.4289, 42.6750



71.9508, -58.6955, -99.9229



71.9508, 80.6363, -91.5012



71.9508, 74.8341, 43.7986



# Rectangle

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



71.9493, -61.4279, 42.6748



71.9508, -76.7144, -7.6844



71.9508, 80.6363, -91.5012



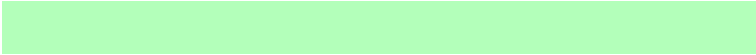
71.9508, 119.0489, 13.8587

# Sweetspot

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



71.9508, -61.4289, 42.6750



91.9673, -38.5219, 26.1278



80.2207, -28.2990, 48.9362



42.1373, -19.6132, 13.2439

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.9508, -61.4289, 42.6750



84.6091, -72.2696, 50.2554



73.0053, -54.8620, 27.1809



38.2443, -6.5478, 4.8670



54.8449, -46.7764, 32.4254



13.9848, -11.7478, 7.8803



# Inverse Universe

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



44.2067, 85.1369, -44.5472



51.9764, 100.0840, -52.2490



40.1833, 70.7417, 11.0308



36.4038, 2.7737, -0.9031



33.7063, 64.9360, -34.1326

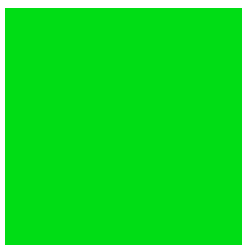


8.6161, 16.6571, -9.1741



# Previews

## White Background



This preview shows how the HunterLab color 71.9493, -61.4279, 42.6748 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

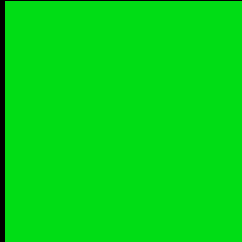
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.9493, -61.4279, 42.6748 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

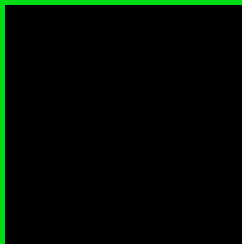
Any Text WCAG AA ✓ Pass

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 71.9493, -61.4279, 42.6748 Background



This preview shows how black text looks on a background with the HunterLab color 71.9493, -61.4279, 42.6748.



This preview shows how white text looks on a background with the HunterLab color 71.9493, -61.4279, 42.6748.

-61.4279, 42.6748.

# 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

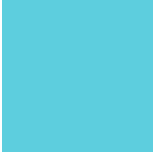
71.9493, -61.4279, 42.6748

### Protanopia

71.0924, -9.8227, 43.6349

### Deuteranopia

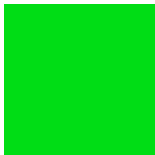
71.0582, 5.4320, 41.1701



## **Tritanopia**

71.9331, -27.1939, -13.1121

# Trichromacy



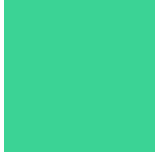
**Original Color**  
71.9493, -61.4279, 42.6748



**Protanomaly**  
68.5748, -39.0949, 41.3724

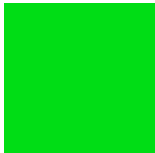


**Deuteranomaly**  
67.3223, -31.7634, 39.0801



**Tritanomaly**  
70.4899, -46.0653, 18.7131

# Monochromacy



**Original Color**  
71.9493, -61.4279, 42.6748



**Achromatopsia**  
48.0354, -2.5630, 2.6099



**Achromatomaly**  
54.0448, -32.2762, 21.6292

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.9493, -61.4279, 42.6748 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(0, 221, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 221, 21)  
}
```

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(0, 221, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 221, 21) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.9493, -61.4279, 42.6748 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(0, 221, 21) }
```



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

```
.border{ border-color:rgb(0, 221, 21) }
```

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

Here you see how a box with a 4 pixel rgb(0, 221, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 221, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 221, 21);  
box-shadow:4px 4px 4px 4px rgb(0, 221, 21)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 71.9493, -61.4279, 42.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 221, 21) }
```

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

```
.background{ background-color: rgb(0, 221,  
21) }
```

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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