

# Converting Colors

HunterLab(71.1798, -61.0366,  
42.7920)

Have a look what the booklet for  
HunterLab(71.1798, -61.0366,  
42.7920) contains.

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# Color

**HunterLab(71.1780,  
-61.0351, 42.7910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DB00
RGB	0, 219, 0
RGB Percent	0%, 86%, 0%
CMY	1.0000, 0.1412, 0.9999
CMYK	1.00, 0.00, 1.00, 0.14
HSL	120°, 100%, 43%
HSV	120°, 100%, 86%
XYZ	25.3316, 50.6631, 8.4439
YIQ	128.5530, -60.2250, -114.5370

# Conversions

## Conversions Part 2

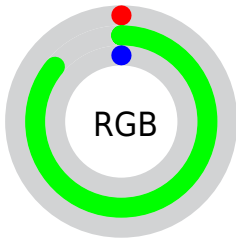
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 219, 219
Decimal	56064
CIELab	76.48, -76.83, 74.15
CIELCh	76, 106.774, 136.017
Yxy	50.6652, 0.3000, 0.6000
Android (android.graphics.Color)	4278246144 (0xFF00DB00)
YUV	128.5530, -63.3766, -112.7410
Hunter-Lab	71.1780, -61.0351, 42.7910

# Details

The HunterLab color **71.1780, -61.0351, 42.7910** 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 **44.9154, 88.3026, -59.2216**, and the grayscale version is **46.9385, -2.5045, 2.5503**.

A 20% lighter version of the original color is **86.8855, -62.0038, 46.5882**, and **50.8337, -43.5899, 30.5604** is the 20% darker color. If you saturate the color by 10%, you get **71.1795, -61.0361, 42.7912**, and if you desaturate by 10%, it is **71.3388, -60.2741, 42.2756**.

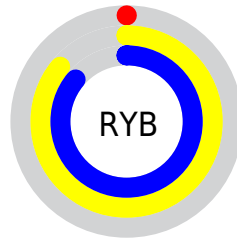
# Distribution



Red (0%)

Green (86%)

Blue (0%)



Red (0%)

Yellow (86%)

Blue (86%)

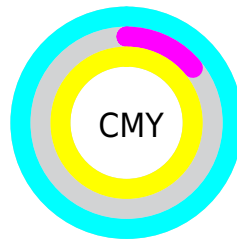


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (100%)

Magenta (14%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.1780, -61.0351, 42.7910 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 71.1780, -61.0351, 42.7910 by changing the saturation by 10% instead.



71.1780, -61.0351,  
42.7910

71.1780, -61.0351,  
42.7910

197.2971,  
-99.3579, 81.2377

59.9518, -55.9222,  
37.7245

95.4776, -70.5506,  
52.3115

49.3858, -50.4991,  
32.4267

108.4896,  
-75.0277, 56.8098

39.5258, -44.6888,  
27.0407

122.0443,  
-79.3550, 61.1607

30.4264, -38.3827,  
21.2985

136.1208,  
-83.5536, 65.3816

22.1577, -31.4272,  
15.5104

150.7003,  
-87.6403, 69.4876

14.8133, -25.9233,  
10.3693

165.7661,

8.4670, -14.8173,

-91.6291, 73.4918

5.9269

181.3030,  
-95.5317, 77.4052

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.1780, -61.0351,  
42.7910

■ 71.1780, -61.0351,  
42.7910

■ 71.1795, -61.0361,  
42.7912

■ 71.3388, -60.2741,  
42.2756


■ 71.6776, -58.6601,  
41.1837


■ 72.2517, -55.9452,  
39.3474


■ 73.0881, -52.0349,  
36.7030


■ 74.2049, -46.8939,

33.2268

 75.6126, -40.5370,  
28.9293

 77.3157, -33.0209,  
23.8490

 79.3134, -24.4334,  
18.0456

 81.6001, -14.8834,  
11.5931

# Harmonies

## Analogous

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



71.1795, -28.6482, 47.7468



71.1780, -61.0351, 42.7910



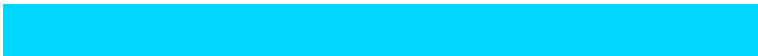
71.1795, -75.6148, 22.7667

# Triad

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



71.1795, -61.0361, 42.7912



71.1795, -25.7665, -156.5287



71.1795, 115.5544, 24.9298

# Complementary

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



71.1780, -61.0351, 42.7910



44.9154, 88.3026, -59.2216

# 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.



71.1795, 116.9668, -22.2371



71.1780, -61.0351, 42.7910



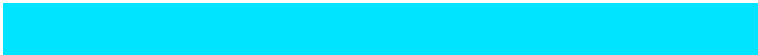
71.1795, 25.0029, -154.2291

# Square

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



71.1795, -61.0361, 42.7912



71.1795, -59.4357, -99.7007



71.1795, 80.3506, -94.6707



71.1795, 76.9053, 43.4336



# Rectangle

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



71.1780, -61.0351, 42.7910



71.1795, -76.8859, -6.4973



71.1795, 80.3506, -94.6707



71.1795, 120.7023, 12.8878

# Sweetspot

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



71.1795, -61.0361, 42.7912



91.8037, -39.4791, 28.5020



81.0714, -21.7752, 49.5746



42.0564, -20.0902, 14.4200

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.1795, -61.0361, 42.7912



84.5695, -72.5181, 50.8411



71.9584, -56.1727, 31.3190



38.2182, -6.6940, 5.2416



54.8095, -46.9988, 32.9499



13.9506, -11.9623, 8.3862



# Inverse Universe

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



44.9154, 88.3026, -59.2216



53.3647, 104.9139, -70.3621



40.2190, 71.6483, 4.4990



36.4347, 2.9386, -1.3404



34.5857, 67.9947, -45.6020

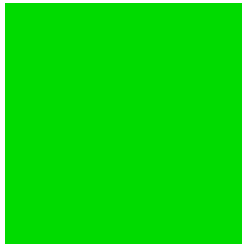


8.8031, 17.3068, -11.6077



# Previews

## White Background



This preview shows how the HunterLab color 71.1780, -61.0351, 42.7910 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

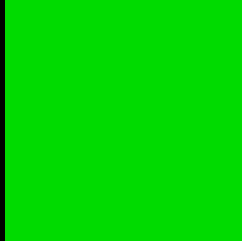
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.1780, -61.0351, 42.7910 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

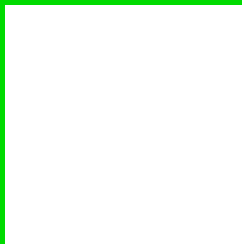
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 71.1780, -61.0351, 42.7910 Background



This preview shows how black text looks on a background with the HunterLab color 71.1780, -61.0351, 42.7910.



This preview shows how white text looks on a background with the HunterLab color 71.1780, -61.0351, 42.7910.

-61.0351, 42.7910.

# 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

71.1780, -61.0351, 42.7910

### Protanopia

70.2777, -9.6182, 43.1364

### Deuteranopia

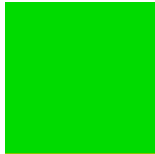
70.2281, 5.4998, 41.0097



## Tritanopia

71.1536, -26.8699, -13.0466

# Trichromacy



## Original Color

71.1780, -61.0351, 42.7910



## Protanomaly

67.7607, -38.8817, 41.0732



## Deuteranomaly

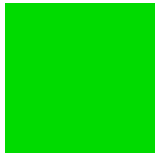
66.5449, -31.4895, 39.2984



## Tritanomaly

69.5875, -46.5234, 20.9256

# Monochromacy



## Original Color

71.1780, -61.0351, 42.7910



## Achromatopsia

46.8536, -2.5000, 2.5456



## Achromatomaly

53.1448, -32.8046, 23.2676

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.1780, -61.0351, 42.7910 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, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 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(0, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.1780, -61.0351, 42.7910 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, 219, 0) }
```



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

```
.border{ border-color:rgb(0, 219, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 219, 0); box-shadow:4px  
4px 4px 4px rgb(0, 219, 0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.1780, -61.0351, 42.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 0) }
```

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

```
.background{ background-color: rgb(0, 219,  
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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