

# Converting Colors

HunterLab(71.4383, -60.1862,  
40.6330)

Have a look what the booklet for  
HunterLab(71.4383, -60.1862,  
40.6330) contains.

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# Color

**HunterLab(71.3277,  
-60.0954, 40.5754)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 00DB30                       |
| RGB         | 0, 219, 48                   |
| RGB Percent | 0%, 86%, 19%                 |
| CMY         | 1.0000, 0.1412, 0.8117       |
| CMYK        | 1.00, 0.00, 0.78, 0.14       |
| HSL         | 133°, 100%, 43%              |
| HSV         | 133°, 100%, 86%              |
| XYZ         | 25.8650, 50.8764, 11.2531    |
| YIQ         | 134.0250, -75.6330, -99.6090 |

# Conversions

## Conversions Part 2

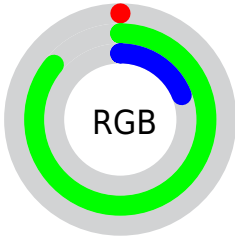
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">0, 180, 219</a>                       |
| Decimal                             | <a href="#">56112</a>                             |
| CIELab                              | <a href="#">76.61, -75.14, 65.80</a>              |
| CIELCh                              | <a href="#">77, 99.884, 138.791</a>               |
| Yxy                                 | <a href="#">50.8785, 0.2939,<br/>0.5782</a>       |
| Android<br>(android.graphics.Color) | <a href="#">4278246192<br/>(0xFF00DB30)</a>       |
| YUV                                 | <a href="#">134.0250, -42.4103,<br/>-117.5399</a> |
| Hunter-Lab                          | <a href="#">71.3277, -60.0954,<br/>40.5754</a>    |

# Details

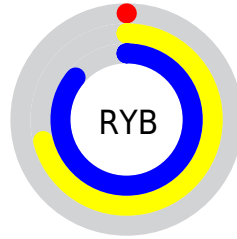
The HunterLab color **71.3277, -60.0954, 40.5754** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **42.4277, 79.5881, -26.3044**, and the grayscale version is **49.0217, -2.6157, 2.6634**.

A 20% lighter version of the original color is **87.0458, -60.8751, 43.0969**, and **50.8337, -43.5899, 30.5604** is the 20% darker color. If you saturate the color by 10%, you get **71.3291, -60.0965, 40.5759**, and if you desaturate by 10%, it is **71.5663, -58.8495, 38.9120**.

# Distribution



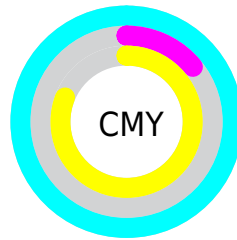
- Red (0%)
- Green (86%)
- Blue (19%)



- Red (0%)
- Yellow (71%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.3277, -60.0954, 40.5754 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 71.3277, -60.0954, 40.5754 by changing the saturation by 10% instead.



71.3277, -60.0954,  
40.5754

71.3277, -60.0954,  
40.5754

197.5074,  
-97.6510, 75.1539

60.0932, -55.0951,  
36.0252

95.6427, -69.4079,  
49.1130

49.5183, -49.7939,  
31.2513

108.6619,  
-73.7923, 53.1483

39.6488, -44.1169,  
26.2316

122.2235,  
-78.0320, 57.0549

30.5392, -37.9578,  
21.3775

136.3066,  
-82.1470, 60.8493

22.2592, -31.1652,  
15.5814

150.8925,  
-86.1540, 64.5455

14.9021, -26.0786,  
10.4314

165.9645,

8.5513, -14.9648,

-90.0664, 68.1551

5.9859

181.5074,  
-93.8956, 71.6884

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.3277, -60.0954,  
40.5754

■ 71.3277, -60.0954,  
40.5754

■ 71.3291, -60.0965,  
40.5759

■ 71.5663, -58.8495,  
38.9120


■ 71.9782, -56.7875,  
36.7489


■ 72.6084, -53.7399,  
34.0981


■ 73.4786, -49.6458,  
30.9752


■ 74.6029, -44.4898,

27.4092

 75.9898, -38.2946,  
23.4406

 77.6424, -31.1134,  
19.1181

 79.5598, -23.0229,  
14.4958

 81.7372, -14.1150,  
9.6290

# Harmonies

## Analogous

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



71.3292, -30.7780, 46.8085



71.3277, -60.0954, 40.5754



71.3292, -72.8397, 18.7215

# Triad

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



71.3292, -60.0963, 40.5757



71.3292, -20.6241, -143.5506



71.3292, 104.1783, 26.4875

# Complementary

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



71.3277, -60.0954, 40.5754



42.4277, 79.5881, -26.3044

# 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.



71.3292, 108.9683, -15.0419



71.3277, -60.0954, 40.5754



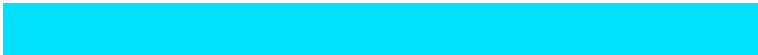
71.3292, 27.8760, -135.9506

# Square

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



71.3292, -60.0963, 40.5757



71.3292, -54.3359, -96.5313



71.3292, 78.2095, -79.7401



71.3292, 66.4498, 43.0996



# Rectangle

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



71.3277, -60.0954, 40.5754



71.3292, -73.2178, -10.6283



71.3292, 78.2095, -79.7401



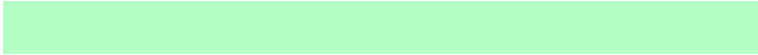
71.3292, 110.0024, 15.8680

# Sweetspot

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



71.3292, -60.0963, 40.5757



92.1935, -37.2014, 22.8524



77.0619, -36.9982, 46.8373



42.2504, -18.9478, 11.6029

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.3292, -60.0963, 40.5757



84.7375, -71.4639, 48.3555



72.8682, -50.5658, 18.0782



38.2789, -6.3542, 4.3710



54.9370, -46.1988, 31.0634



14.0294, -11.4691, 7.2231



# Inverse Universe

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



42.4277, 79.5881, -26.3044



50.3870, 94.4825, -30.9541



39.2545, 68.1114, 18.4855



36.3640, 2.5608, -0.3384



32.6960, 61.3766, -20.6072

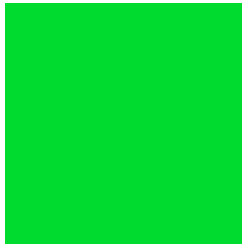


8.3959, 15.8837, -6.2442



# Previews

## White Background



This preview shows how the HunterLab color 71.3277, -60.0954, 40.5754 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

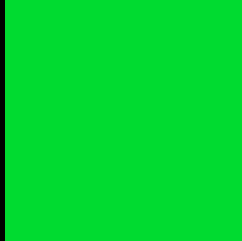
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.3277, -60.0954, 40.5754 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

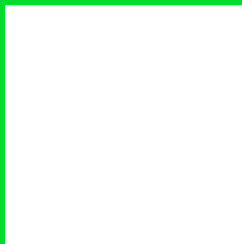
Any Text WCAG AAA ✓ Pass

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

# HunterLab 71.3277, -60.0954, 40.5754 Background



This preview shows how black text looks on a background with the HunterLab color 71.3277, -60.0954, 40.5754.



This preview shows how white text looks on a background with the HunterLab color 71.3277, -60.0954, 40.5754.

-60.0954, 40.5754.

# 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

71.3277, -60.0954, 40.5754

### Protanopia

70.6884, -9.4910, 41.7079

### Deuteranopia

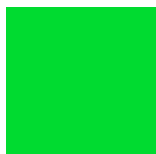
70.5171, 5.2750, 39.2110



## Tritanopia

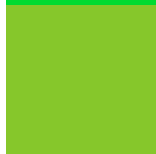
71.1550, -26.7899, -13.6235

# Trichromacy



## Original Color

71.3277, -60.0954, 40.5754



## Protanomaly

67.8893, -38.1111, 39.1699



## Deuteranomaly

66.9666, -31.2188, 37.0546



## Tritanomaly

69.9779, -44.1084, 14.9407

# Monochromacy



## Original Color

71.3277, -60.0954, 40.5754



## Achromatopsia

48.8260, -2.6052, 2.6528



## Achromatomaly

54.6085, -31.3356, 19.1689

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.3277, -60.0954, 40.5754 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, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 48)  
}
```

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, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 48) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.3277, -60.0954, 40.5754 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, 48) }
```



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

```
.border{ border-color:rgb(0, 219, 48) }
```

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, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 48);  
box-shadow:4px 4px 4px 4px rgb(0, 219, 48)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 71.3277, -60.0954, 40.5754 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, 48) }
```

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

```
.background{ background-color: rgb(0, 219,  
48) }
```

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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