

# Converting Colors

HunterLab(71.3803, -60.5498,  
41.4904)

Have a look what the booklet for  
HunterLab(71.3803, -60.5498,  
41.4904) contains.

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# Color

**HunterLab(71.2717,  
-60.4465, 41.4031)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DB25
RGB	0, 219, 37
RGB Percent	0%, 86%, 15%
CMY	1.0000, 0.1412, 0.8549
CMYK	1.00, 0.00, 0.83, 0.14
HSL	130°, 100%, 43%
HSV	130°, 100%, 86%
XYZ	25.6654, 50.7966, 10.2022
YIQ	132.7710, -72.1020, -103.0300

# Conversions

## Conversions Part 2

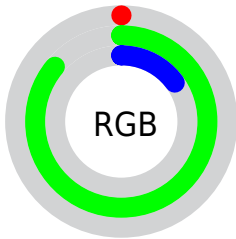
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 187, 219
Decimal	56101
CIELab	76.56, -75.77, 68.74
CIELCh	77, 102.304, 137.786
Yxy	50.7987, 0.2961, 0.5861
Android (android.graphics.Color)	4278246181 (0xFF00DB25)
YUV	132.7710, -47.2151, -116.4402
Hunter-Lab	71.2717, -60.4465, 41.4031

# Details

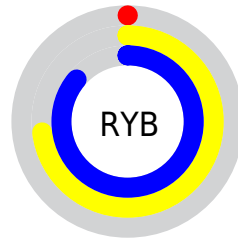
The HunterLab color **71.2717, -60.4465, 41.4031** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **42.9393, 81.3997, -33.2201**, and the grayscale version is **48.5424, -2.5901, 2.6374**.

A 20% lighter version of the original color is **86.9897, -61.2912, 44.4841**, and **50.8337, -43.5899, 30.5604** is the 20% darker color. If you saturate the color by 10%, you get **71.2732, -60.4474, 41.4034**, and if you desaturate by 10%, it is **71.4929, -59.3086, 39.9960**.

# Distribution



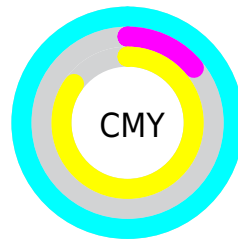
- Red (0%)
- Green (86%)
- Blue (15%)



- Red (0%)
- Yellow (73%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (14%)




- Cyan (100%)
- Magenta (14%)
- Yellow (85%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.2717, -60.4465, 41.4031 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 71.2717, -60.4465, 41.4031 by changing the saturation by 10% instead.





 71.2717, -60.4465,  
41.4031

 71.2717, -60.4465,  
41.4031


197.4287,  
-98.2872, 77.3407


 60.0403, -55.4043,  
36.6694


 95.5809, -69.8344,  
50.2878


 49.4688, -50.0578,  
31.7078


 108.5974,  
-74.2533, 54.4860

 39.6028, -44.3313,  
26.5149


 122.1565,  
-78.5255, 58.5486

 30.4970, -38.1175,  
21.3479

 136.2371,  
-82.6716, 62.4927

 22.2212, -31.2643,  
15.5549

 150.8206,  
-86.7082, 66.3325

 14.8688, -26.0205,  
10.4082

 165.8903,

 8.5199, -14.9098,

-90.6490, 70.0804

5.9639

181.4310,  
-94.5055, 73.7468

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.2717, -60.4465,  
41.4031

■ 71.2717, -60.4465,  
41.4031

■ 71.2732, -60.4474,  
41.4034

■ 71.4929, -59.3086,  
39.9960


■ 71.8906, -57.3319,  
38.0378


■ 72.5112, -54.3393,  
35.5241


■ 73.3771, -50.2653,  
32.4593


■ 74.5029, -45.0920,

28.8651

 75.8975, -38.8418,  
24.7784

 77.5641, -31.5697,  
20.2477

 79.5016, -23.3554,  
15.3298

 81.7051, -14.2944,  
10.0848

# Harmonies

## Analogous

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



71.2732, -30.0547, 47.1710



71.2717, -60.4465, 41.4031



71.2732, -73.8422, 20.1766

# Triad

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



71.2732, -60.4474, 41.4034



71.2732, -22.4387, -148.1173



71.2732, 108.1599, 25.9627

# Complementary

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



71.2717, -60.4465, 41.4031



42.9393, 81.3997, -33.2201

# 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.



71.2732, 111.8019, -17.4956



71.2717, -60.4465, 41.4031



71.2732, 26.8928, -142.2847

# Square

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



71.2732, -60.4474, 41.4034



71.2732, -56.1591, -97.7051



71.2732, 79.0044, -84.8654



71.2732, 70.0835, 43.2260



# Rectangle

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



71.2717, -60.4465, 41.4031



71.2732, -74.5398, -9.1802



71.2732, 79.0044, -84.8654



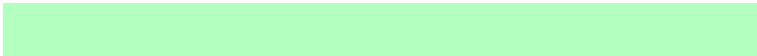
71.2732, 113.7592, 14.8570

# Sweetspot

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



71.2732, -60.4474, 41.4034



92.1003, -37.7452, 24.2011



77.8919, -33.7762, 47.4053



42.2036, -19.2227, 12.2810

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.2732, -60.4474, 41.4034



84.6730, -71.8688, 49.3103



72.6226, -52.0716, 21.6356



38.2648, -6.4329, 4.5725



54.8917, -46.4829, 31.7334



14.0114, -11.5816, 7.4885



# Inverse Universe

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



42.9393, 81.3997, -33.2201



50.9988, 96.6484, -39.2258



39.4230, 68.7333, 16.0154



36.3801, 2.6466, -0.5659



33.0855, 62.7549, -25.8678

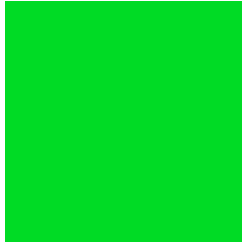


8.4817, 16.1860, -7.3936



# Previews

## White Background



This preview shows how the HunterLab color 71.2717, -60.4465, 41.4031 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

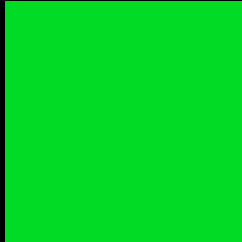
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.2717, -60.4465, 41.4031 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

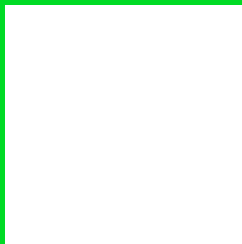
Any Text WCAG AAA ✓ Pass

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

## HunterLab 71.2717, -60.4465, 41.4031 Background



This preview shows how black text looks on a background with the HunterLab color 71.2717, -60.4465, 41.4031.



This preview shows how white text looks on a background with the HunterLab color 71.2717, -60.4465, 41.4031.

-60.4465, 41.4031.

# 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

71.2717, -60.4465, 41.4031

### Protanopia

70.6393, -9.7639, 42.4346

### Deuteranopia

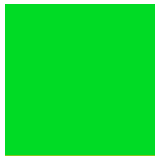
70.4620, 4.9805, 40.0239



## Tritanopia

71.1176, -27.0067, -13.0997

# Trichromacy



## Original Color

71.2717, -60.4465, 41.4031



## Protanomaly

67.8337, -38.4442, 39.9927



## Deuteranomaly

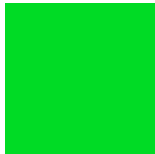
66.9093, -31.5567, 37.9014



## Tritanomaly

69.8573, -44.8397, 16.6825

# Monochromacy



## Original Color

71.2717, -60.4465, 41.4031



## Achromatopsia

48.4304, -2.5841, 2.6313



## Achromatomaly

54.1886, -31.4974, 20.1963

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.2717, -60.4465, 41.4031 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, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 37)  
}
```

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, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 37) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.2717, -60.4465, 41.4031 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, 37) }
```



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

```
.border{ border-color:rgb(0, 219, 37) }
```

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, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 37);  
box-shadow:4px 4px 4px 4px rgb(0, 219, 37)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 71.2717, -60.4465, 41.4031 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, 37) }
```

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

```
.background{ background-color: rgb(0, 219,  
37) }
```

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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