

# Converting Colors

HunterLab(71.7363, -49.8113,  
43.3315)

Have a look what the booklet for  
HunterLab(71.7363, -49.8113,  
43.3315) contains.

|  |    |
|--|----|
| <b>HunterLab(71.6550, -49.7831, 43.2819)</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(71.6550,  
-49.7831, 43.2819)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 6DD600                     |
| RGB         | 109, 214, 0                |
| RGB Percent | 43%, 84%, 0%               |
| CMY         | 0.5726, 0.1608, 0.9999     |
| CMYK        | 0.49, 0.00, 1.00, 0.16     |
| HSL         | 89°, 100%, 42%             |
| HSV         | 89°, 100%, 84%             |
| XYZ         | 30.3533, 51.3444, 8.3107   |
| YIQ         | 158.2090, 6.1140, -88.8140 |

# Conversions

## Conversions Part 2

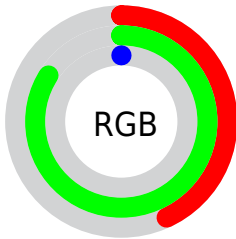
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 0, 214, 105                     |
| Decimal                             | 7198208                         |
| CIELab                              | 76.89, -58.61, 75.31            |
| CIELCh                              | 77, 95.432, 127.893             |
| Yxy                                 | 51.3466, 0.3372,<br>0.5704      |
| Android<br>(android.graphics.Color) | 4285388288<br>(0xFF6DD600)      |
| YUV                                 | 158.2090, -77.9970,<br>-43.1563 |
| Hunter-Lab                          | 71.6550, -49.7831,<br>43.2819   |

# Details

The HunterLab color **71.6550, -49.7831, 43.2819** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **28.0377, 65.3262, -116.1165**, and the grayscale version is **58.8675, -3.1410, 3.1984**.

A 20% lighter version of the original color is **89.8366, -50.0428, 48.9453**, and **49.9047, -40.4701, 30.0426** is the 20% darker color. If you saturate the color by 10%, you get **71.6559, -49.7873, 43.2824**, and if you desaturate by 10%, it is **72.1863, -47.5342, 43.0487**.

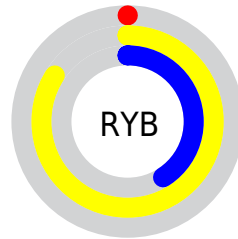
# Distribution



Red (43%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (41%)

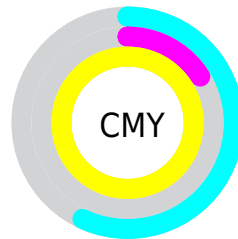


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (57%)

Magenta (16%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.6550, -49.7831, 43.2819 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 71.6550, -49.7831, 43.2819 by changing the saturation by 10% instead.



71.6550, -49.7831,  
43.2819

71.6550, -49.7831,  
43.2819

197.9669,  
-80.0598, 82.2171

60.4024, -45.8406,  
38.1546

96.0036, -57.1822,  
52.9217

49.8083, -41.6814,  
32.7967

109.0385,  
-60.6907, 57.4775

39.9181, -37.2494,  
27.3683

122.6151,  
-64.0986, 61.8843

30.7861, -32.4616,  
21.5503

136.7127,  
-67.4207, 66.1595

22.4814, -27.1934,  
15.7370

151.3126,  
-70.6688, 70.3182

15.0966, -22.3256,  
10.5676

166.3982,

8.7327, -15.2822,

-73.8528, 74.3734

6.1129

181.9542,  
-76.9808, 78.3364

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.6550, -49.7831,  
43.2819

■ 71.6550, -49.7831,  
43.2819

■ 71.6559, -49.7873,  
43.2824

■ 72.1863, -47.5342,  
43.0487

■ 72.8111, -44.8341,  
42.2333

■ 73.5443, -41.6173,  
40.6510

■ 74.3917, -37.8631,  
38.2223

■ 75.3575, -33.5652,

34.8967

■ 76.4442, -28.7286,  
30.6467

■ 77.6528, -23.3671,  
25.4636

■ 78.9834, -17.5015,  
19.3542

■ 80.4353, -11.1579,  
12.3379

# Harmonies

## Analogous

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



71.6565, -15.3786, 46.9769



71.6550, -49.7831, 43.2819



71.6565, -67.8908, 28.5642

# Triad

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



71.6565, -49.7845, 43.2822



71.6565, -33.6956, -122.7962



71.6565, 104.2093, 14.3527

# Complementary

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



71.6550, -49.7831, 43.2819



28.0377, 65.3262, -116.1165

# 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.



71.6565, 95.8075, -34.7212



71.6550, -49.7831, 43.2819



71.6565, 8.5056, -135.8701

# Square

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



71.6565, -49.7845, 43.2822



71.6565, -60.3345, -67.7462



71.6565, 57.7625, -96.8570



71.6565, 78.4879, 38.3701

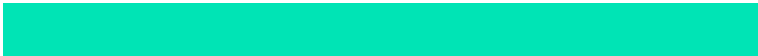


# Rectangle

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



71.6550, -49.7831, 43.2819



71.6565, -71.6500, 6.8745



71.6565, 57.7625, -96.8570



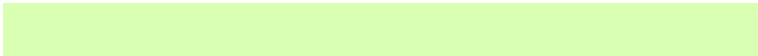
71.6565, 105.3799, 0.7932

# Sweetspot

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



71.6565, -49.7845, 43.2822



94.6449, -28.7088, 31.2664



49.0786, 32.7815, 30.8149



43.4892, -14.6018, 15.7678

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.6565, -49.7845, 43.2822



87.3241, -60.9448, 52.7418



69.3676, -59.3964, 41.7034



37.6878, -5.0482, 5.5767



55.7636, -38.4769, 33.6877



13.8736, -8.7206, 8.3962



# Inverse Universe

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



28.0377, 65.3262, -116.1165



34.0445, 79.5091, -142.3938



43.1531, 85.1483, -59.3307



35.0783, 1.2899, -1.9198



21.9364, 50.9439, -89.5227

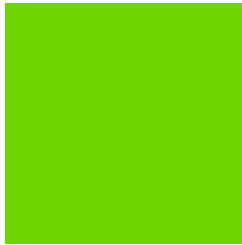


5.8260, 13.0152, -19.7851



# Previews

## White Background



This preview shows how the HunterLab color 71.6550, -49.7831, 43.2819 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

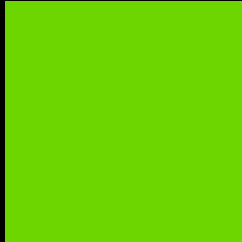
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.6550, -49.7831, 43.2819 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

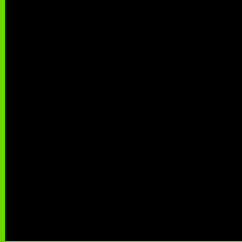
Any Text WCAG AA ✓ Pass

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 71.6550, -49.7831, 43.2819 Background



This preview shows how black text looks on a background with the HunterLab color 71.6550, -49.7831, 43.2819.



This preview shows how white text looks on a background with the HunterLab color 71.6550, -49.7831, 43.2819.

-49.7831, 43.2819.

# 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

71.6550, -49.7831, 43.2819

### Protanopia

71.0924, -9.8227, 43.6349

### Deuteranopia

71.0117, 5.1831, 41.8583



## Tritanopia

71.4643, -17.6451, -9.6108

# Trichromacy



## Original Color

71.6550, -49.7831, 43.2819

## Protanomaly

70.3577, -27.0403, 42.8807

## Deuteranomaly

69.8071, -19.1276, 41.7468

## Tritanomaly

70.3590, -34.6873, 22.8040

# Monochromacy



## Original Color

71.6550, -49.7831, 43.2819

## Achromatopsia

58.4734, -3.1200, 3.1770

## Achromatomaly

61.9321, -24.5539, 25.9457

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.6550, -49.7831, 43.2819 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(109, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 214, 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(109, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 214, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.6550, -49.7831, 43.2819 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(109, 214, 0) }
```



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

```
.border{ border-color:rgb(109, 214, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 214, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 214,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.6550, -49.7831, 43.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 214, 0) }
```

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

```
.background{ background-color: rgb(109,  
214, 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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