

# Converting Colors

HunterLab(71.5749, -28.1751,  
43.6109)

Have a look what the booklet for  
HunterLab(71.5749, -28.1751,  
43.6109) contains.

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# Color

**HunterLab(71.4167,  
-28.0239, 43.5160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0C900
RGB	176, 201, 0
RGB Percent	69%, 79%, 0%
CMY	0.3098, 0.2117, 0.9999
CMYK	0.12, 0.00, 1.00, 0.21
HSL	67°, 100%, 39%
HSV	67°, 100%, 79%
XYZ	38.7912, 51.0035, 7.8002
YIQ	170.6110, 49.6210, -67.8110

# Conversions

## Conversions Part 2

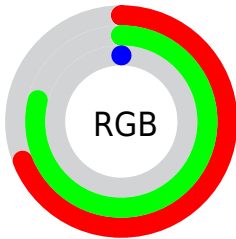
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 201, 25
Decimal	11585792
CIELab	76.68, -28.61, 76.73
CIELCh	77, 81.890, 110.448
Yxy	51.0058, 0.3975, 0.5226
Android (android.graphics.Color)	4289775872 (0xFFB0C900)
YUV	170.6110, -84.1112, 4.7262
Hunter-Lab	71.4167, -28.0239, 43.5160

# Details

The HunterLab color **71.4167, -28.0239, 43.5160** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **21.0354, 56.0651, -141.8156**, and the grayscale version is **63.9791, -3.4138, 3.4761**.

A 20% lighter version of the original color is **94.7664, -31.0103, 52.7317**, and **49.7182, -22.7239, 30.2383** is the 20% darker color. If you saturate the color by 10%, you get **71.4180, -28.0273, 43.5168**, and if you desaturate by 10%, it is **71.6596, -27.0359, 43.1305**.

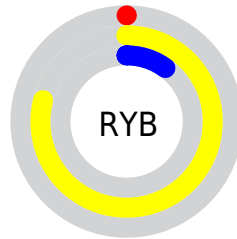
# Distribution



Red (69%)

Green (79%)

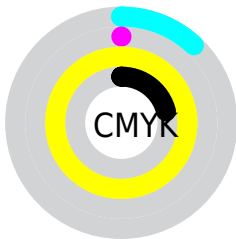
Blue (0%)



Red (0%)

Yellow (79%)

Blue (10%)

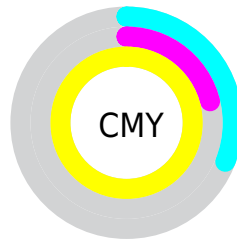


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (31%)

Magenta (21%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.4167, -28.0239, 43.5160 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 71.4167, -28.0239, 43.5160 by changing the saturation by 10% instead.



71.4167, -28.0239,  
43.5160

71.4167, -28.0239,  
43.5160

197.6326,  
-45.7904, 83.1304

60.1774, -25.8801,  
38.2994

95.7410, -32.1589,  
53.3280

49.5973, -23.6601,  
32.8522

108.7645,  
-34.1675, 57.9652

39.7221, -21.3425,  
27.4134

122.3302,  
-36.1477, 62.4501

30.6064, -18.8919,  
21.4245

136.4172,  
-38.1054, 66.8003

22.3197, -16.2528,  
15.6238

151.0070,  
-40.0451, 71.0311

14.9550, -13.3300,  
10.4685

166.0827,

8.6011, -14.9530,

-41.9706, 75.1556

6.0208

181.6292,  
-43.8848, 79.1854

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4167, -28.0239,  
43.5160

■ 71.4167, -28.0239,  
43.5160

■ 71.4180, -28.0273,  
43.5168

■ 71.6596, -27.0359,  
43.1305

■ 71.9405, -25.8257,  
42.2061

■ 72.2733, -24.3273,  
40.5644

■ 72.6641, -22.5098,  
38.1210

■ 73.1174, -20.3509,

34.8129

■ 73.6370, -17.8350,  
30.5939

■ 74.2258, -14.9523,  
25.4317

■ 74.8862, -11.6975,  
19.3065

■ 75.6200, -8.0700,  
12.2095

# Harmonies

## Analogous

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



71.4183, 8.9758, 44.4128



71.4167, -28.0239, 43.5160



71.4183, -52.6648, 35.8966

# Triad

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



71.4183, -28.0261, 43.5164



71.4183, -45.3385, -75.2045



71.4183, 85.5186, -8.9036

# Complementary

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



71.4167, -28.0239, 43.5160



21.0354, 56.0651, -141.8156

# 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.



71.4183, 63.1966, -57.5794



71.4167, -28.0239, 43.5160



71.4183, -15.7636, -107.2850

# Square

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



71.4183, -28.0261, 43.5164



71.4183, -61.0806, -25.5731



71.4183, 24.1253, -99.5226



71.4183, 80.2709, 24.4815



# Rectangle

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



71.4167, -28.0239, 43.5160



71.4183, -61.3403, 23.7733



71.4183, 24.1253, -99.5226



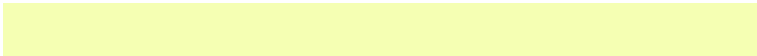
71.4183, 80.8375, -24.1349

# Sweetspot

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



71.4183, -28.0261, 43.5164



97.0844, -19.7372, 33.5938



36.1248, 57.3706, 23.2631



44.7589, -9.9007, 16.9380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.4183, -28.0261, 43.5164



93.4085, -36.8145, 56.9134



65.8455, -50.2930, 39.6926



35.1390, -3.6389, 5.4535



56.6531, -22.1314, 34.5219



12.4056, -4.5195, 7.5652



# Inverse Universe

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



21.0354, 56.0651, -141.8156



27.4276, 73.2936, -186.3291



29.1550, 64.3887, -93.2882



32.1709, 0.1696, -2.1371



16.7435, 44.5094, -111.9356



3.9270, 9.9221, -22.2451



# Previews

## White Background



This preview shows how the HunterLab color 71.4167, -28.0239, 43.5160 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 71.4167, -28.0239, 43.5160 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

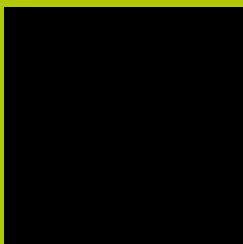
Any Text WCAG AA ✓ Pass

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 71.4167, -28.0239, 43.5160 Background



This preview shows how black text looks on a background with the HunterLab color 71.4167, -28.0239, 43.5160.



This preview shows how white text looks on a background with the HunterLab color 71.4167, -28.0239, 43.5160.

-28.0239, 43.5160.

# 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

71.4167, -28.0239, 43.5160

### Protanopia

71.0924, -9.8227, 43.6349

### Deuteranopia

71.0865, 5.3403, 42.6344



## Tritanopia

71.3311, 0.0832, -2.4894

# Trichromacy



## Original Color

71.4167, -28.0239, 43.5160

## Protanomaly

71.0065, -16.4438, 43.4660

## Deuteranomaly

70.7429, -7.8848, 42.8173

## Tritanomaly

70.5148, -14.3950, 25.7361

# Monochromacy



## Original Color

71.4167, -28.0239, 43.5160

## Achromatopsia

63.8154, -3.4050, 3.4672

## Achromatomaly

65.9123, -15.8983, 27.3221

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.4167, -28.0239, 43.5160 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(176, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 201, 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(176, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 201, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.4167, -28.0239, 43.5160 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(176, 201, 0) }
```



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

```
.border{ border-color:rgb(176, 201, 0) }
```

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

Here you see how a box with a 4 pixel rgb(176, 201, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 201,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.4167, -28.0239, 43.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 201, 0) }
```

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

```
.background{ background-color: rgb(176,  
201, 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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