

# Converting Colors

HunterLab(71.2311, -39.8806,  
36.2122)

Have a look what the booklet for  
HunterLab(71.2311, -39.8806,  
36.2122) contains.

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# Color

**HunterLab(71.2309,  
-39.8808, 36.2125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85D054
RGB	133, 208, 84
RGB Percent	52%, 82%, 33%
CMY	0.4784, 0.1843, 0.6706
CMYK	0.36, 0.00, 0.60, 0.18
HSL	96°, 57%, 57%
HSV	96°, 60%, 82%
XYZ	33.8290, 50.7384, 16.3980
YIQ	171.4390, -4.8960, -54.4640

# Conversions

## Conversions Part 2

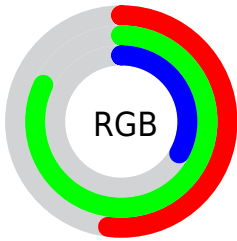
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 208, 159
Decimal	8769620
CIELab	76.52, -44.46, 53.11
CIELCh	77, 69.260, 129.931
Yxy	50.7406, 0.3351, 0.5025
Android (android.graphics.Color)	4286959700 (0xFF85D054)
YUV	171.4390, -43.1074, -33.7110
Hunter-Lab	71.2309, -39.8808, 36.2125

# Details

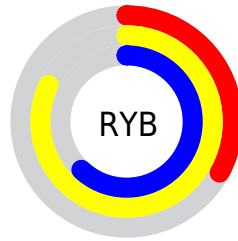
The HunterLab color **71.2309, -39.8808, 36.2125** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **42.7402, 45.7186, -55.6488**, and the grayscale version is **64.1727, -3.4241, 3.4866**.

A 20% lighter version of the original color is **91.8162, -40.9554, 40.3329**, and **49.4410, -33.5886, 28.5598** is the 20% darker color. If you saturate the color by 10%, you get **70.3549, -43.8006, 38.5974**, and if you desaturate by 10%, it is **72.2513, -35.3347, 32.9785**.

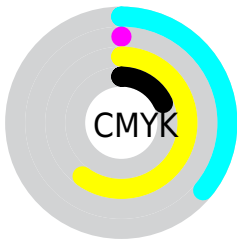
# Distribution



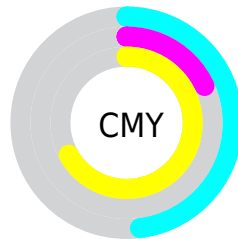
- Red (52%)
- Green (82%)
- Blue (33%)



- Red (33%)
- Yellow (82%)
- Blue (62%)



- Cyan (36%)
- Magenta (0%)
- Yellow (60%)
- Black (18%)




- Cyan (48%)
- Magenta (18%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.2309, -39.8808, 36.2125 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 71.2309, -39.8808, 36.2125 by changing the saturation by 10% instead.





 71.2309, -39.8808,  
36.2125

 71.2309, -39.8808,  
36.2125


197.3715,  
-64.1600, 64.9797


 60.0018, -36.8021,  
32.4661


 95.5360, -45.7124,  
43.2512


 49.4327, -33.5744,  
28.5282


 108.5506,  
-48.5012, 46.5887


 39.5693, -30.1574,  
24.3633


 122.1077,  
-51.2245, 49.8288

 30.4663, -26.4896,  
19.9851

 136.1865,  
-53.8926, 52.9855

 22.1936, -22.4758,  
15.5355

 150.7683,  
-56.5139, 56.0701

 14.8447, -18.1237,  
10.3913

165.8363,

 8.4970, -14.8697,

-59.0953, 59.0922

5.9479

181.3754,  
-61.6424, 62.0598

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.2309, -39.8808,  
36.2125

■ 71.2309, -39.8808,  
36.2125

■ 70.3549, -43.8006,  
38.5974

■ 72.2513, -35.3347,  
32.9785

■ 69.6146, -47.0901,  
40.1738

■ 73.4137, -30.1713,  
28.8756

■ 69.0050, -49.7678,  
41.0142

■ 74.7202, -24.4160,  
23.9051

■ 68.5127, -51.8976,  
41.2887

■ 76.1701, -18.1009,  
18.0839

■ 68.4954, -51.9723,

■ 77.7614, -11.2641,

41.2967

11.4409

■ 79.4913, -3.9473,  
4.0149

■ 81.3562, 3.8059,  
-4.1492

■ 83.3518, 11.9517,  
-13.0019

■ 84.8346, 17.1215,  
-13.5459

# Harmonies

## Analogous

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



71.2324, -14.3420, 41.2418



71.2309, -39.8808, 36.2125



71.2324, -53.8239, 21.5209

# Triad

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



71.2324, -39.8823, 36.2129



71.2324, -24.1491, -78.4460



71.2324, 69.4326, 13.4534

# Complementary

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



71.2309, -39.8808, 36.2125



42.7402, 45.7186, -55.6488

# 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.



71.2324, 65.5101, -19.8907



71.2309, -39.8808, 36.2125



71.2324, 7.3833, -83.9522

# Square

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



71.2324, -39.8823, 36.2129



71.2324, -45.9430, -46.2785



71.2324, 41.2836, -59.0418



71.2324, 51.1939, 32.6045

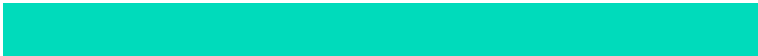


# Rectangle

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



71.2309, -39.8808, 36.2125



71.2324, -56.4679, 3.9493



71.2324, 41.2836, -59.0418



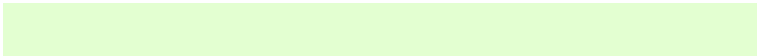
71.2324, 70.7293, 3.8054

# Sweetspot

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



71.2324, -39.8823, 36.2129



96.1758, -21.6219, 21.6577



62.1631, 5.8151, 30.4058



44.2346, -11.1316, 11.0887

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.2324, -39.8823, 36.2129



88.2635, -56.5745, 49.3474



69.1743, -47.9167, 32.2172



36.6481, -5.2386, 5.3223



54.1220, -40.8266, 32.6350



12.9742, -8.9221, 7.8385



# Inverse Universe

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



42.7402, 45.7186, -55.6488



46.6669, 70.2902, -90.2121



48.7025, 58.0880, -32.2635



34.3020, 1.5835, -1.7268



23.7727, 52.6507, -77.1889



6.0109, 12.9341, -16.5818



# Previews

## White Background



This preview shows how the HunterLab color 71.2309, -39.8808, 36.2125 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 71.2309, -39.8808, 36.2125 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

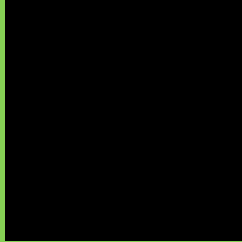
Any Text WCAG AA ✓ Pass

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 71.2309, -39.8808, 36.2125 Background



This preview shows how black text looks on a background with the HunterLab color 71.2309, -39.8808, 36.2125.



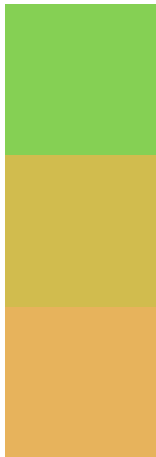
This preview shows how white text looks on a background with the HunterLab color 71.2309,

-39.8808, 36.2125.

# 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

71.2309, -39.8808, 36.2125

### Protanopia

70.7614, -8.6704, 37.4118

### Deuteranopia

70.7120, 5.0119, 35.1704



## Tritanopia

71.0673, -12.8235, -7.8481

# Trichromacy



**Original Color**

71.2309, -39.8808, 36.2125

**Protanomaly**

70.3087, -21.4396, 36.5486

**Deuteranomaly**

70.1073, -13.9125, 34.9633

**Tritanomaly**

70.8069, -24.8394, 13.3887

# Monochromacy



**Original Color**

71.2309, -39.8808, 36.2125

**Achromatopsia**

63.8154, -3.4050, 3.4672

**Achromatomaly**

65.8127, -18.3309, 18.2274

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.2309, -39.8808, 36.2125 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(133, 208, 84)` looks like.

```
.text, #text, p{  
    color:rgb(133, 208, 84)  
}
```

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(133, 208, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 208, 84) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.2309, -39.8808, 36.2125 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(133, 208, 84) }
```



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

```
.border{ border-color:rgb(133, 208, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 208, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 208, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 208, 84);  
box-shadow:4px 4px 4px 4px rgb(133, 208,  
84) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.2309, -39.8808, 36.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 208, 84) }
```

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

```
.background{ background-color: rgb(133,  
208, 84) }
```

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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