

Converting Colors

HunterLab(70.3374, -43.9318,
39.5822)

Have a look what the booklet for
HunterLab(70.3374, -43.9318,
39.5822) contains.

HunterLab(70.3674, -43.8771, 39.6513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(70.3674,
-43.8771, 39.6513)**

Conversions

Conversions Part 1

Format	Color
Hex	7AD036
RGB	122, 208, 54
RGB Percent	48%, 82%, 21%
CMY	0.5216, 0.1843, 0.7882
CMYK	0.41, 0.00, 0.74, 0.18
HSL	94°, 62%, 51%
HSV	94°, 74%, 82%
XYZ	31.2478, 49.5157, 11.4006
YIQ	164.7300, -1.8220, -66.1260

Conversions

Conversions Part 2

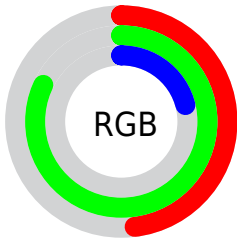
Format	Color
RYB	54, 208, 140
Decimal	8048694
CIELab	75.77, -50.48, 63.96
CIELCh	76, 81.479, 128.281
Yxy	49.5178, 0.3390, 0.5373
Android (android.graphics.Color)	4286238774 (0xFF7AD036)
YUV	164.7300, -54.5899, -37.4742
Hunter-Lab	70.3674, -43.8771, 39.6513

Details

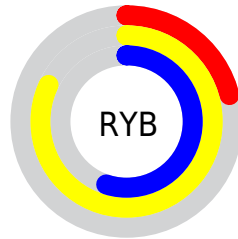
The HunterLab color **70.3674, -43.8771, 39.6513** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **35.7345, 54.9619, -76.0339**, and the grayscale version is **61.4484, -3.2787, 3.3386**.

A 20% lighter version of the original color is **90.7585, -45.8338, 45.2980**, and **48.7920, -36.4447, 29.4274** is the 20% darker color. If you saturate the color by 10%, you get **69.6882, -46.8730, 40.8839**, and if you desaturate by 10%, it is **71.1731, -40.3082, 37.6346**.

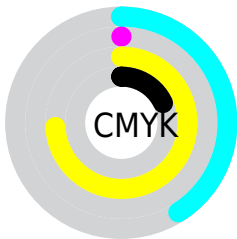
Distribution



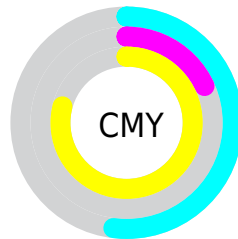
- Red (48%)
- Green (82%)
- Blue (21%)



- Red (21%)
- Yellow (82%)
- Blue (55%)



- Cyan (41%)
- Magenta (0%)
- Yellow (74%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3674, -43.8771, 39.6513 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 70.3674, -43.8771, 39.6513 by changing the saturation by 10% instead.

■ 70.3674, -43.8771,
39.6513

■ 70.3674, -43.8771,
39.6513

196.1574,
-70.7446, 73.4619

■ 59.1865, -40.4199,
35.1996

■ 94.5833, -50.3907,
47.9992

■ 48.6686, -36.7816,
30.5248

■ 107.5564,
-53.4910, 51.9437

■ 38.8601, -32.9131,
25.6030

■ 121.0736,
-56.5098, 55.7625

■ 29.8167, -28.7411,
20.8717

■ 135.1140,
-59.4596, 59.4719

■ 21.6096, -24.1525,
15.1267

■ 149.6587,
-62.3504, 63.0858

■ 14.3347, -19.7640,
10.0343

164.6909,

■ 7.9940, -13.9895,

-65.1905, 66.6156

5.5958

180.1951,
-67.9866, 70.0715

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3674, -43.8771,
39.6513

■ 70.3674, -43.8771,
39.6513

■ 69.6882, -46.8730,
40.8839

■ 71.1731, -40.3082,
37.6346

■ 69.1238, -49.3176,
41.4207

■ 72.1056, -36.1535,
34.7766


■ 68.8338, -50.5607,
41.5299


■ 73.1692, -31.4195,
31.0468


■ 74.3654, -26.1217,
26.4348

■ 75.6941, -20.2844,

20.9469

 77.1544, -13.9378,
14.6030

 78.7443, -7.1168,
7.4339

 80.4610, 0.1412,
-0.5217

 82.3012, 7.7974,
-9.2196

Harmonies

Analogous

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



70.3689, -14.0718, 43.8999



70.3674, -43.8771, 39.6513



70.3689, -60.0167, 25.1660

Triad

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



70.3689, -43.8785, 39.6517



70.3689, -29.0308, -97.5299



70.3689, 85.1378, 13.2069

Complementary

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



70.3674, -43.8771, 39.6513



35.7345, 54.9619, -76.0339

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.



70.3689, 78.7295, -27.4030



70.3674, -43.8771, 39.6513



70.3689, 7.1853, -107.0169

Square

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



70.3689, -43.8785, 39.6517



70.3689, -52.8106, -54.9918



70.3689, 48.0260, -76.5278



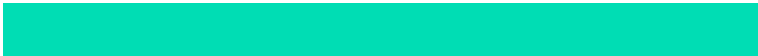
70.3689, 64.0210, 34.9124

Rectangle

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



70.3674, -43.8771, 39.6513



70.3689, -63.3588, 5.9033



70.3689, 48.0260, -76.5278



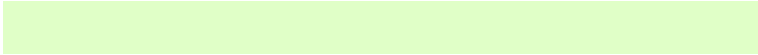
70.3689, 86.2062, 1.6924

Sweetspot

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



70.3689, -43.8785, 39.6517



95.6208, -24.1656, 25.0325



56.6188, 14.0020, 31.4779



44.0148, -12.1579, 12.5329

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.3689, -43.8785, 39.6517



87.3000, -60.9478, 51.9786



68.0021, -53.5382, 37.0286



36.6851, -5.1066, 5.3648



54.3914, -39.7037, 32.8207



13.0415, -8.6462, 7.8848

Inverse Universe

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



35.7345, 54.9619, -76.0339



38.7315, 79.4429, -119.5681



44.9820, 71.2579, -43.3057



34.2616, 1.4468, -1.7811



22.8420, 51.5433, -81.5613



5.8167, 12.6896, -17.3907

Previews

White Background



This preview shows how the HunterLab color 70.3674, -43.8771, 39.6513 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 70.3674, -43.8771, 39.6513 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 70.3674, -43.8771, 39.6513 Background



This preview shows how black text looks on a background with the HunterLab color 70.3674, -43.8771, 39.6513.



This preview shows how white text looks on a background with the HunterLab color 70.3674, -43.8771, 39.6513.

-43.8771, 39.6513.

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

70.3674, -43.8771, 39.6513

Protanopia

69.8148, -9.4103, 40.4801

Deuteranopia

69.7221, 5.5264, 38.5435



Tritanopia

70.1829, -14.4690, -8.5162

Trichromacy



Original Color

70.3674, -43.8771, 39.6513

Protanomaly

69.3981, -23.7089, 39.7696

Deuteranomaly

68.9353, -15.5311, 38.2859

Tritanomaly

69.6169, -28.2687, 16.7362

Monochromacy



Original Color

70.3674, -43.8771, 39.6513

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

63.9672, -20.9167, 21.0667

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.3674, -43.8771, 39.6513 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(122, 208, 54)` looks like.

```
.text, #text, p{  
    color:rgb(122, 208, 54)  
}
```

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(122, 208, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 208, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 70.3674, -43.8771, 39.6513 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(122, 208, 54) }
```


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

```
.border{ border-color:rgb(122, 208, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 208, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 208, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 208, 54);  
box-shadow:4px 4px 4px 4px rgb(122, 208,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.3674, -43.8771, 39.6513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 208, 54) }
```

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

```
.background{ background-color: rgb(122,  
208, 54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor