

Converting Colors

HunterLab(77.6619, -49.2480,
42.7830)

Have a look what the booklet for
HunterLab(77.6619, -49.2480,
42.7830) contains.

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Color

**HunterLab(77.8276,
-49.4109, 42.9257)**

Conversions

Conversions Part 1

Format	Color
Hex	81E444
RGB	129, 228, 68
RGB Percent	51%, 89%, 27%
CMY	0.4941, 0.1059, 0.7333
CMYK	0.43, 0.00, 0.70, 0.11
HSL	97°, 75%, 58%
HSV	97°, 70%, 89%
XYZ	37.8401, 60.5714, 15.1660
YIQ	180.1590, -7.6440, -70.7480

Conversions

Conversions Part 2

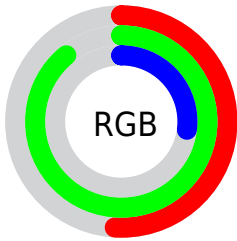
Format	Color
RYB	68, 228, 167
Decimal	8512580
CIELab	82.15, -55.23, 65.55
CIELCh	82, 85.711, 130.116
Yxy	60.5740, 0.3332, 0.5333
Android (android.graphics.Color)	4286702660 (0xFF81E444)
YUV	180.1590, -55.2944, -44.8664
Hunter-Lab	77.8276, -49.4109, 42.9257

Details

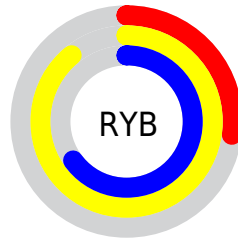
The HunterLab color **77.8276, -49.4109, 42.9257** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **42.3714, 60.7018, -75.5394**, and the grayscale version is **67.8522, -3.6204, 3.6865**.

A 20% lighter version of the original color is **91.4834, -42.6338, 43.0509**, and **55.4382, -41.8411, 33.4283** is the 20% darker color. If you saturate the color by 10%, you get **77.0181, -53.0196, 44.6028**, and if you desaturate by 10%, it is **78.7977, -45.0841, 40.3511**.

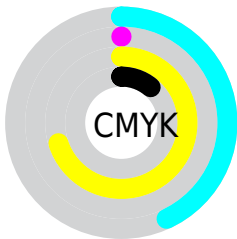
Distribution



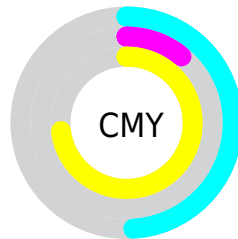
- Red (51%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.8276, -49.4109, 42.9257 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 77.8276, -49.4109, 42.9257 by changing the saturation by 10% instead.

■ 77.8276, -49.4109,
42.9257

■ 77.8276, -49.4109,
42.9257

206.5696,
-77.8663, 76.8466

■ 66.2431, -45.7672,
38.5037

■ 102.7919,
-56.2969, 51.2515

■ 55.2967, -41.9454,
33.8733

■ 116.1146,
-59.5802, 55.1994

■ 45.0302, -37.9019,
29.0083

■ 129.9677,
-62.7791, 59.0286

■ 35.4918, -33.5731,
24.0122

■ 144.3317,
-65.9059, 62.7542

■ 26.7421, -28.8648,
18.7195

■ 159.1891,
-68.9704, 66.3888

■ 18.8600, -23.6315,
13.2020

174.5240,

■ 11.9539, -20.9194,

-71.9810, 69.9431

8.3678

190.3219,
-74.9443, 73.4264

■ 4.8778, -8.5361,
3.4144

0.0000, NaN, NaN

■ 77.8276, -49.4109,
42.9257

■ 77.8276, -49.4109,
42.9257

■ 77.0181, -53.0196,
44.6028

■ 78.7977, -45.0841,
40.3511


■ 76.3565, -55.9274,
45.4660


■ 79.9283, -40.0333,
36.8284


■ 75.8365, -58.1763,
45.7116

■ 81.2239, -34.2748,
32.3361


■ 82.6851, -27.8363,
26.8748

 84.3111, -20.7551,
20.4635

 86.0998, -13.0758,
13.1356

 88.0477, -4.8471,
4.9353

 90.1506, 3.8799,
-4.0855

 91.6348, 9.1783,
-4.5879

Harmonies

Analogous

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



77.8293, -17.7580, 48.1480



77.8276, -49.4109, 42.9257



77.8293, -66.1629, 25.9862

Triad

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



77.8293, -49.4124, 42.9261



77.8293, -29.6153, -107.1828



77.8293, 91.6574, 16.4887

Complementary

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



77.8276, -49.4109, 42.9257



42.3714, 60.7018, -75.5394

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.



77.8293, 86.6070, -26.4594



77.8276, -49.4109, 42.9257



77.8293, 10.4475, -114.6268

Square

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



77.8293, -49.4124, 42.9261



77.8293, -56.5139, -62.7570



77.8293, 54.5999, -79.6821



77.8293, 67.2183, 39.1212

Rectangle

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



77.8276, -49.4109, 42.9257



77.8293, -69.2513, 4.0813



77.8293, 54.5999, -79.6821



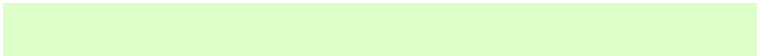
77.8293, 93.4570, 4.3913

Sweetspot

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



77.8293, -49.4124, 42.9261



95.5334, -24.3621, 23.9738



66.6555, 8.6773, 36.3593



43.9545, -12.3285, 12.0632

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.8293, -49.4124, 42.9261



87.0917, -61.7224, 51.1692



75.7637, -57.5806, 38.6757



40.4420, -5.8649, 5.8989



57.6808, -43.9781, 34.7727



15.8448, -11.2685, 9.5662

Inverse Universe

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



42.3714, 60.7018, -75.5394



42.0899, 79.6343, -105.9397



50.2493, 74.0993, -39.1731



37.8504, 1.8366, -1.9336



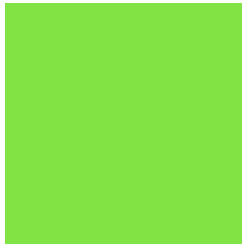
25.6488, 56.5346, -81.1788



7.3421, 15.8289, -20.4905

Previews

White Background



This preview shows how the HunterLab color 77.8276, -49.4109, 42.9257 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 77.8276, -49.4109, 42.9257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

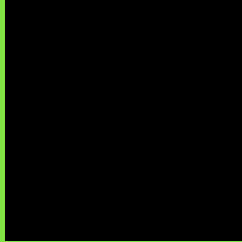
Any Text WCAG AA ✓ Pass

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 77.8276, -49.4109, 42.9257 Background



This preview shows how black text looks on a background with the HunterLab color 77.8276, -49.4109, 42.9257.



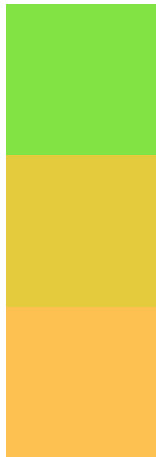
This preview shows how white text looks on a background with the HunterLab color 77.8276, -49.4109, 42.9257.

-49.4109, 42.9257.

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

77.8276, -49.4109, 42.9257

Protanopia

77.1710, -9.6352, 43.8823

Deuteranopia

77.2118, 6.0465, 41.7057



Tritanopia

77.6339, -17.2300, -9.6377

Trichromacy



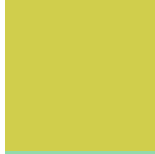
Original Color

77.8276, -49.4109, 42.9257



Protanomaly

76.5922, -26.3494, 42.9797



Deuteranomaly

76.2065, -17.6783, 41.3289



Tritanomaly

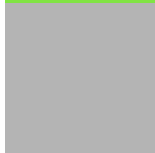
76.9377, -31.9177, 17.1592

Monochromacy



Original Color

77.8276, -49.4109, 42.9257



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

70.2664, -23.0691, 22.2835

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.8276, -49.4109, 42.9257 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(129, 228, 68)` looks like.

```
.text, #text, p{  
    color:rgb(129, 228, 68)  
}
```

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(129, 228, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 228, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 77.8276, -49.4109, 42.9257 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(129, 228, 68) }
```


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

```
.border{ border-color:rgb(129, 228, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 228, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 228, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 228, 68);  
box-shadow:4px 4px 4px 4px rgb(129, 228,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.8276, -49.4109, 42.9257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 228, 68) }
```

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

```
.background{ background-color: rgb(129,  
228, 68) }
```

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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