

Converting Colors

HunterLab(79.0475, -49.8008,
42.8440)

Have a look what the booklet for
HunterLab(79.0475, -49.8008,
42.8440) contains.

HunterLab(79.0475, -49.8008, 42.8440)	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(79.0475,
-49.8008, 42.8440)**

Conversions

Conversions Part 1

Format	Color
Hex	83E74B
RGB	131, 231, 75
RGB Percent	51%, 91%, 29%
CMY	0.4863, 0.0941, 0.7059
CMYK	0.43, 0.00, 0.68, 0.09
HSL	98°, 76%, 60%
HSV	98°, 68%, 91%
XYZ	39.2059, 62.4851, 16.6511
YIQ	183.3160, -9.5240, -69.7160

Conversions

Conversions Part 2

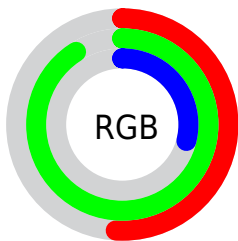
Format	Color
RYB	75, 231, 175
Decimal	8644427
CIELab	83.17, -55.26, 64.03
CIELCh	83, 84.581, 130.796
Yxy	62.4878, 0.3313, 0.5280
Android (android.graphics.Color)	4286834507 (0xFF83E74B)
YUV	183.3160, -53.3998, -45.8811
Hunter-Lab	79.0475, -49.8008, 42.8440

Details

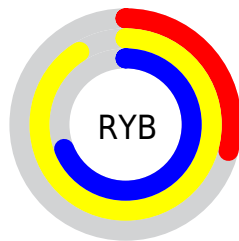
The HunterLab color $79.0475, -49.8008, 42.8440$ is a dark color, and the websafe version is hex $99FF66$. The color can be described as middle muted chartreuse. A complement of this color would be $44.6294, 60.3746, -71.8832$, and the grayscale version is $69.1672, -3.6906, 3.7580$.

A 20% lighter version of the original color is $91.7092, -41.5837, 41.9007$, and $56.5350, -42.5595, 34.0915$ is the 20% darker color. If you saturate the color by 10%, you get $78.1841, -53.6665, 44.7820$, and if you desaturate by 10%, it is $80.0823, -45.1751, 39.9809$.

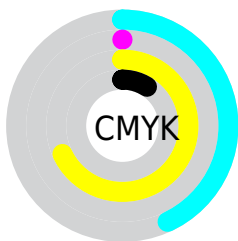
Distribution



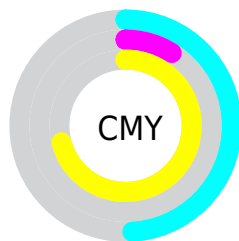
- Red (51%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (69%)



- Cyan (43%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)





- Cyan (49%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.0475, -49.8008, 42.8440 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 79.0475, -49.8008, 42.8440 by changing the saturation by 10% instead.


 79.0475, -49.8008,
42.8440


 79.0475, -49.8008,
42.8440


208.2566,
-78.2036, 75.9897


 67.3995, -46.1710,
38.5344


 104.1298,
-56.6665, 50.9640

 56.3860, -42.3668,
34.0226


 117.5077,
-59.9423, 54.8176

 46.0479, -38.3461,
29.2810


 131.4139,
-63.1351, 58.5577

 36.4325, -34.0474,
24.3190

 145.8292,
-66.2567, 62.1987

 27.5989, -29.3805,
19.3192

 160.7361,
-69.3169, 65.7527

 19.6236, -24.2064,
13.7365

176.1190,

 12.6115, -21.5471,

-72.3238, 69.2302

8.8280

191.9635,
-75.2842, 72.6400

■ 5.9260, -10.3705,
4.1482

0.0000, NaN, NaN

■ 79.0475, -49.8008,
42.8440

■ 79.0475, -49.8008,
42.8440

■ 78.1841, -53.6665,
44.7820

■ 80.0823, -45.1751,
39.9809

■ 77.4797, -56.7839,
45.8687


■ 81.2880, -39.7890,
36.1503


■ 76.9238, -59.2029,
46.2374


■ 82.6685, -33.6646,
31.3385

■ 76.8047, -59.7191,
46.2812


■ 84.2241, -26.8354,
25.5534

 85.9533, -19.3448,
18.8209

 87.8533, -11.2426,
11.1804

 89.9202, -2.5827,
2.6816

 91.9786, 5.6669,
-4.2088

 92.5389, 7.5457,
-3.4614

Harmonies

Analogous

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



79.0492, -18.5887, 48.4009



79.0475, -49.8008, 42.8440



79.0492, -66.2293, 25.3795

Triad

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



79.0492, -49.8023, 42.8444



79.0492, -28.7406, -105.8244



79.0492, 90.1628, 17.2148

Complementary

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



79.0475, -49.8008, 42.8440



44.6294, 60.3746, -71.8832

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.



79.0492, 85.8808, -24.8798



79.0475, -49.8008, 42.8440



79.0492, 11.2499, -112.0890

Square

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



79.0492, -49.8023, 42.8444



79.0492, -55.9128, -62.8926



79.0492, 54.8072, -77.1772



79.0492, 65.5238, 39.5140

Rectangle

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



79.0475, -49.8008, 42.8440



79.0492, -69.1139, 3.2430



79.0492, 54.8072, -77.1772



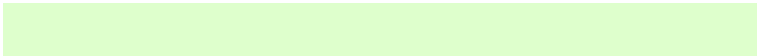
79.0492, 92.1678, 5.3482

Sweetspot

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



79.0492, -49.8023, 42.8444



95.6335, -23.8674, 23.0941



69.0612, 6.6315, 36.9557



43.9889, -12.1473, 11.6830

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.0492, -49.8023, 42.8444



87.1308, -61.4936, 50.6770



77.1307, -57.2623, 38.0545



40.4223, -5.9353, 5.8763



57.5608, -44.4811, 34.6900



15.8089, -11.4173, 9.5415

Inverse Universe

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



44.6294, 60.3746, -71.8832



43.7925, 78.8595, -99.7225



51.6584, 72.4548, -37.0338



37.8721, 1.9101, -1.9044



26.1548, 57.1572, -78.9607



7.4654, 15.9863, -19.9939

Previews

White Background



This preview shows how the HunterLab color 79.0475, -49.8008, 42.8440 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 79.0475, -49.8008, 42.8440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

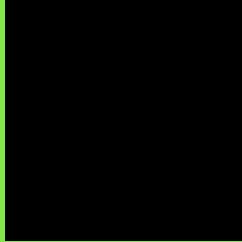
Any Text WCAG AA ✓ Pass

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 79.0475, -49.8008, 42.8440 Background



This preview shows how black text looks on a background with the HunterLab color 79.0475, -49.8008, 42.8440.



This preview shows how white text looks on a background with the HunterLab color 79.0475,

-49.8008, 42.8440.

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

79.0475, -49.8008, 42.8440

Protanopia

78.3473, -10.0965, 43.9619

Deuteranopia

78.3971, 5.7539, 41.2610



Tritanopia

78.8435, -17.6039, -9.6971

Trichromacy



Original Color

79.0475, -49.8008, 42.8440



Protanomaly

77.7979, -26.7355, 42.9276



Deuteranomaly

77.4226, -17.9561, 40.9700



Tritanomaly

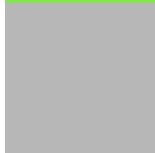
78.1942, -32.0475, 16.4777

Monochromacy



Original Color

79.0475, -49.8008, 42.8440



Achromatopsia

68.8136, -3.6717, 3.7388



Achromatomaly

71.5644, -22.9779, 21.8354

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.0475, -49.8008, 42.8440 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(131, 231, 75)` looks like.

```
.text, #text, p{  
    color:rgb(131, 231, 75)  
}
```

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(131, 231, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 231, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 79.0475, -49.8008, 42.8440 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(131, 231, 75) }
```


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

```
.border{ border-color:rgb(131, 231, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 231, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 231, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 231, 75);  
box-shadow:4px 4px 4px 4px rgb(131, 231,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.0475, -49.8008, 42.8440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 231, 75) }
```

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

```
.background{ background-color: rgb(131,  
231, 75) }
```

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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