

# Converting Colors

HunterLab(81.9386, -49.8335,  
48.9069)

Have a look what the booklet for  
HunterLab(81.9386, -49.8335,  
48.9069) contains.

<b>HunterLab(81.8734, -49.8242, 48.8700)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(81.8734,  
-49.8242, 48.8700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95ED1A
RGB	149, 237, 26
RGB Percent	58%, 93%, 10%
CMY	0.4157, 0.0706, 0.8980
CMYK	0.37, 0.00, 0.89, 0.07
HSL	85°, 85%, 52%
HSV	85°, 89%, 93%
XYZ	42.8651, 67.0325, 11.6567
YIQ	186.6340, 15.2830, -84.2770

# Conversions

## Conversions Part 2

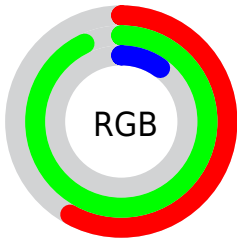
Format	Color
<a href="#">RYB</a>	<a href="#">26, 237, 114</a>
Decimal	<a href="#">9825562</a>
CIELab	<a href="#">85.52, -54.15, 80.07</a>
CIELCh	<a href="#">86, 96.662, 124.073</a>
Yxy	<a href="#">67.0355, 0.3526, 0.5515</a>
Android (android.graphics.Color)	<a href="#">4288015642 (0xFF95ED1A)</a>
YUV	<a href="#">186.6340, -79.1926, -33.0050</a>
Hunter-Lab	<a href="#">81.8734, -49.8242, 48.8700</a>

# Details

The HunterLab color **81.8734, -49.8242, 48.8700** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **32.3005, 68.3614, -125.9746**, and the grayscale version is **70.6596, -3.7702, 3.8391**.

A 20% lighter version of the original color is **92.7131, -38.5302, 49.0652**, and **58.9213, -41.4756, 35.5809** is the 20% darker color. If you saturate the color by 10%, you get **81.2866, -52.2956, 49.1244**, and if you desaturate by 10%, it is **82.5581, -46.8990, 47.9066**.

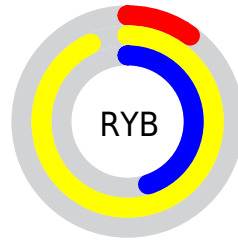
# Distribution



Red (58%)

Green (93%)

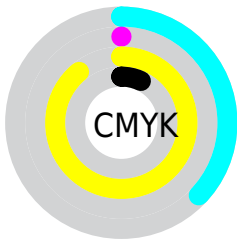
Blue (10%)



Red (10%)

Yellow (93%)

Blue (45%)

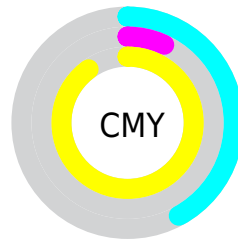


Cyan (37%)

Magenta (0%)

Yellow (89%)

Black (7%)



Cyan (42%)

Magenta (7%)


Yellow (90%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.8734, -49.8242, 48.8700 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 81.8734, -49.8242, 48.8700 by changing the saturation by 10% instead.




 81.8734, -49.8242,  
48.8700


 81.8734, -49.8242,  
48.8700


212.1488,  
-77.6202, 88.9691

 70.0810, -46.2950,  
43.6492


 107.2246,  
-56.5182, 58.7308

 58.9148, -42.6040,  
38.2091


 120.7285,  
-59.7188, 63.4101


 48.4140, -38.7138,  
32.5417


 134.7560,  
-62.8418, 67.9464

 38.6240, -34.5690,  
27.0368

 149.2884,  
-65.8984, 72.3553

 29.6006, -30.0894,  
20.7204

 164.3085,  
-68.8976, 76.6508

 21.4155, -25.1523,  
14.9908

 179.8010,

 14.1655, -20.8675,

-71.8469, 80.8448

9.9158

195.7521,  
-74.7526, 84.9479

■ 7.8186, -13.6825,  
5.4730

0.0000, NaN, NaN

■ 81.8734, -49.8242,  
48.8700

■ 81.8734, -49.8242,  
48.8700

■ 81.2866, -52.2956,  
49.1244

■ 82.5581, -46.8990,  
47.9066

■ 81.2325, -52.5222,  
49.1356

■ 83.3472, -43.4544,  
46.0616

■ 84.2493, -39.4666,  
43.2438

■ 85.2688, -34.9246,  
39.3933

■ 86.4089, -29.8287,  
34.4746

■ 87.6711, -24.1882,  
28.4729

■ 89.0561, -18.0195,  
21.3901

■ 90.5636, -11.3448,  
13.2424

■ 92.1925, -4.1907,  
4.0574

# Harmonies

## Analogous

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



81.8752, -10.8090, 52.5231



81.8734, -49.8242, 48.8700



81.8752, -71.8028, 34.2430

# Triad

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



81.8752, -49.8260, 48.8704



81.8752, -40.8589, -119.8849



81.8752, 109.1640, 10.4353

# Complementary

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



81.8734, -49.8242, 48.8700



32.3005, 68.3614, -125.9746

# 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.



81.8752, 95.9500, -43.8185



81.8734, -49.8242, 48.8700



81.8752, 2.2681, -139.8369

# Square

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



81.8752, -49.8260, 48.8704



81.8752, -67.5218, -61.3459



81.8752, 53.8445, -106.3155



81.8752, 86.6787, 39.9027



# Rectangle

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



81.8734, -49.8242, 48.8700



81.8752, -77.2896, 12.9933



81.8752, 53.8445, -106.3155



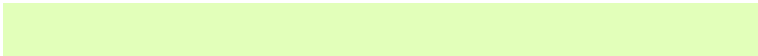
81.8752, 108.7775, -5.1113

# Sweetspot

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



81.8752, -49.8260, 48.8704



95.5437, -25.0433, 29.5558



54.8622, 37.7880, 33.4101



43.9744, -12.6061, 14.8053

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.8752, -49.8260, 48.8704



88.2470, -57.1629, 53.3767



78.2129, -64.9963, 46.3150



41.5882, -5.3528, 6.2599



60.0863, -38.5402, 36.3502



17.0037, -10.1275, 10.3003



# Inverse Universe

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



32.3005, 68.3614, -125.9746



32.1037, 77.4675, -153.5856



46.8828, 89.2763, -70.8771



38.5433, 1.2133, -2.2596



22.0343, 52.8841, -103.2008



6.6072, 15.2823, -26.4840



# Previews

## White Background



This preview shows how the HunterLab color 81.8734, -49.8242, 48.8700 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

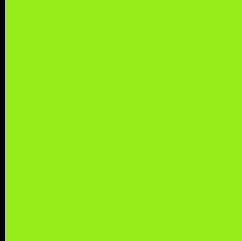
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.8734, -49.8242, 48.8700 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

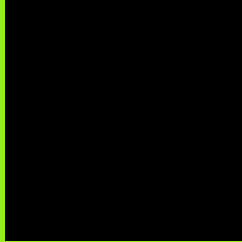
Any Text WCAG AA ✓ Pass

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 81.8734, -49.8242, 48.8700 Background



This preview shows how black text looks on a background with the HunterLab color 81.8734, -49.8242, 48.8700.



This preview shows how white text looks on a background with the HunterLab color 81.8734, -49.8242, 48.8700.

-49.8242, 48.8700.

# 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

81.8734, -49.8242, 48.8700

### Protanopia

81.3334, -11.0417, 49.5666

### Deuteranopia

81.1183, 3.7661, 37.0629



## Tritanopia

81.4605, -14.4088, -8.9307

# Trichromacy



## Original Color

81.8734, -49.8242, 48.8700

## Protanomaly

80.9682, -27.1015, 48.9331

## Deuteranomaly

80.2387, -19.0553, 42.6036

## Tritanomaly

80.6010, -32.2115, 24.2990

# Monochromacy



## Original Color

81.8734, -49.8242, 48.8700

## Achromatopsia

70.4935, -3.7614, 3.8300

## Achromatomaly

73.5564, -24.4693, 28.4355

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.8734, -49.8242, 48.8700 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(149, 237, 26)` looks like.

```
.text, #text, p{  
    color:rgb(149, 237, 26)  
}
```

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(149, 237, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 237, 26) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.8734, -49.8242, 48.8700 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(149, 237, 26) }
```



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

```
.border{ border-color:rgb(149, 237, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 237, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 237, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 237, 26);  
box-shadow:4px 4px 4px 4px rgb(149, 237,  
26) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.8734, -49.8242, 48.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 237, 26) }
```

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

```
.background{ background-color: rgb(149,  
237, 26) }
```

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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