

# Converting Colors

HunterLab(85.1255, -69.8917,  
49.2505)

Have a look what the booklet for  
HunterLab(85.1255, -69.8917,  
49.2505) contains.

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# Color

**HunterLab(85.1255,  
-69.8960, 49.2826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34FF30
RGB	52, 255, 48
RGB Percent	20%, 100%, 19%
CMY	0.7961, 0.0000, 0.8117
CMYK	0.80, 0.00, 0.81, 0.00
HSL	119°, 100%, 59%
HSV	119°, 81%, 100%
XYZ	37.7097, 72.4635, 14.7957
YIQ	170.7050, -54.5410, -107.4130

# Conversions

## Conversions Part 2

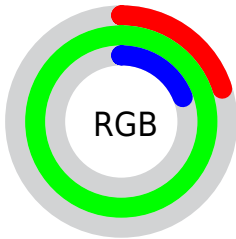
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 255, 251
Decimal	3473200
CIELab	88.19, -81.70, 76.81
CIELCh	88, 112.138, 136.764
Yxy	72.4636, 0.3018, 0.5798
Android (android.graphics.Color)	4281663280 (0xFF34FF30)
YUV	170.7050, -60.4936, -104.1043
Hunter-Lab	85.1255, -69.8960, 49.2826

# Details

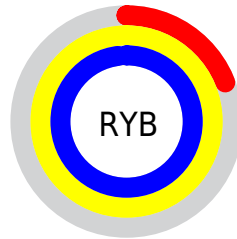
The HunterLab color **85.1255, -69.8960, 49.2826** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **54.6316, 96.8249, -67.3160**, and the grayscale version is **63.9525, -3.4123, 3.4747**.

A 20% lighter version of the original color is **88.1806, -56.1070, 43.0473**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.7424, -71.7079, 50.4132**, and if you desaturate by 10%, it is **85.7823, -66.7999, 47.2708**.

# Distribution



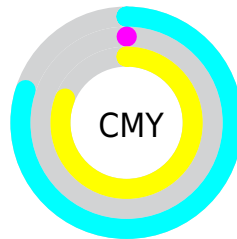
- Red (20%)
- Green (100%)
- Blue (19%)



- Red (19%)
- Yellow (100%)
- Blue (98%)



- Cyan (80%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (81%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.1255, -69.8960, 49.2826 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 85.1255, -69.8960, 49.2826 by changing the saturation by 10% instead.





 85.1255, -69.8960,  
49.2826


 85.1255, -69.8960,  
49.2826


216.5995,  
-109.0105, 87.6400

 73.1693, -64.7795,  
44.3050


 110.7770,  
-79.5024, 58.6861


 61.8320, -59.3993,  
39.1165


 124.4226,  
-84.0541, 63.1541

 51.1496, -53.6971,  
33.6995


 138.5866,  
-88.4688, 67.4897

 41.1649, -47.5946,  
28.1837

 153.2507,  
-92.7640, 71.7078

 31.9306, -40.9846,  
22.3514

 168.3984,  
-96.9546, 75.8213

 23.5135, -33.7181,  
16.4595


184.0147,

 16.0024, -28.0042,


-101.0525, 79.8415


11.2017


200.0859,  
-105.0683, 83.7783


 9.5236, -16.6663,  
6.6665


0.0000, NaN, NaN


 85.1255, -69.8960,  
49.2826


 85.1255, -69.8960,  
49.2826


 84.7424, -71.7079,  
50.4132


 85.7823, -66.7999,  
47.2708


 84.5882, -72.4381,  
50.8547


 86.7449, -62.3033,  
44.2909


 88.0353, -56.3586,  
40.3034

 89.6667, -48.9780,  
35.3124

 91.6447, -40.2231,  
29.3573

 93.9688, -30.1934,  
22.5047

 96.6332, -19.0141,  
14.8397

 99.6280, -6.8240,  
6.4579

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



85.1255, -33.5577, 56.0100



85.1255, -69.8960, 49.2826



85.1255, -86.3348, 24.9892

# Triad

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



85.1255, -69.8956, 49.2818



85.1255, -27.9273, -168.7517



85.1255, 125.7804, 29.2937

# Complementary

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



85.1255, -69.8960, 49.2826



54.6316, 96.8249, -67.3160

# 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.



85.1255, 128.4361, -22.4573



85.1255, -69.8960, 49.2826



85.1255, 28.9592, -164.5387

# Square

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



85.1255, -69.8956, 49.2818



85.1255, -66.7009, -109.6108



85.1255, 89.4783, -100.3033



85.1255, 82.9584, 50.6814



# Rectangle

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



85.1255, -69.8960, 49.2826



85.1255, -87.5420, -8.4013



85.1255, 89.4783, -100.3033



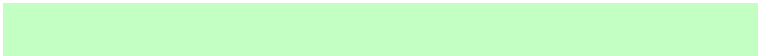
85.1255, 131.7259, 15.8860

# Sweetspot

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



85.1255, -69.8956, 49.2818



93.2767, -33.1521, 24.5289



94.1648, -21.9122, 55.8788



42.7687, -16.9996, 12.4838

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.1255, -69.8956, 49.2818



84.6274, -72.2507, 50.7282



86.1283, -63.5557, 33.6280



44.9275, -7.8870, 6.2407



61.1511, -52.3371, 36.7647



19.0960, -16.2682, 11.4821



# Inverse Universe

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



54.6316, 96.8249, -67.3160



52.6813, 103.1128, -72.2088



50.8502, 81.2760, -5.1737



42.7568, 3.4776, -1.6727



37.9588, 74.9440, -52.5125

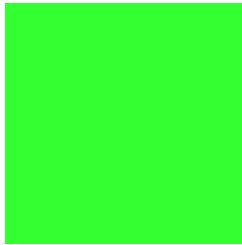


11.8676, 23.4187, -16.3242



# Previews

## White Background



This preview shows how the HunterLab color 85.1255, -69.8960, 49.2826 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

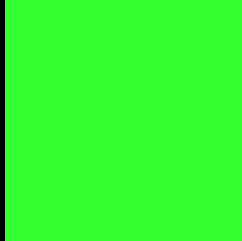
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.1255, -69.8960, 49.2826 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

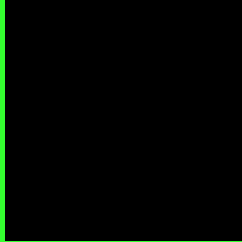
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

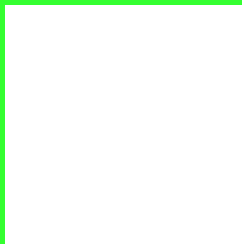
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 85.1255, -69.8960, 49.2826 Background



This preview shows how black text looks on a background with the HunterLab color 85.1255, -69.8960, 49.2826.



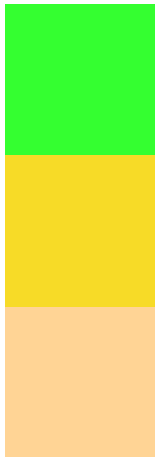
This preview shows how white text looks on a background with the HunterLab color 85.1255, -69.8960, 49.2826.

-69.8960, 49.2826.

# 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

85.1255, -69.8960, 49.2826

### Protanopia

84.0141, -10.9296, 50.2232

### Deuteranopia

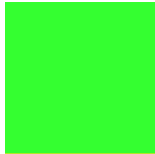
83.9743, 2.2831, 31.7089



## Tritanopia

84.8524, -29.6300, -14.3395

# Trichromacy



## Original Color

85.1255, -69.8960, 49.2826



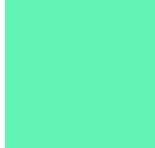
## Protanomaly

81.9210, -40.5620, 48.1839



## Deuteranomaly

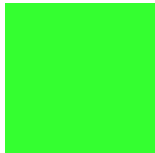
81.5355, -33.8297, 38.5026



## Tritanomaly

83.9869, -50.2349, 20.3903

# Monochromacy



## Original Color

85.1255, -69.8960, 49.2826



## Achromatopsia

63.8154, -3.4050, 3.4672



## Achromatomaly

69.5245, -34.9180, 25.3964

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.1255, -69.8960, 49.2826 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(52, 255, 48)` looks like.

```
.text, #text, p{  
    color:rgb(52, 255, 48)  
}
```

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(52, 255, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 255, 48) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.1255, -69.8960, 49.2826 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(52, 255, 48) }
```



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

```
.border{ border-color:rgb(52, 255, 48) }
```

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

Here you see how a box with a 4 pixel rgb(52, 255, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 255, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 255, 48);  
box-shadow:4px 4px 4px 4px rgb(52, 255,  
48) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.1255, -69.8960, 49.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 255, 48) }
```

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

```
.background{ background-color: rgb(52, 255,  
48) }
```

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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