

# Converting Colors

HunterLab(85.1792, -69.8612,  
50.8191)

Have a look what the booklet for  
HunterLab(85.1792, -69.8612,  
50.8191) contains.

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# Color

**HunterLab(85.1837,  
-69.8401, 50.8065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DFF14
RGB	61, 255, 20
RGB Percent	24%, 100%, 8%
CMY	0.7608, 0.0000, 0.9215
CMYK	0.76, 0.00, 0.92, 0.00
HSL	110°, 100%, 54%
HSV	110°, 92%, 100%
XYZ	37.8108, 72.5626, 12.6750
YIQ	170.2040, -40.1890, -114.2130

# Conversions

## Conversions Part 2

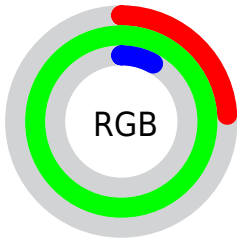
Format	Color
<a href="#">RYB</a>	<a href="#">20, 255, 214</a>
Decimal	<a href="#">4062996</a>
CIELab	<a href="#">88.24, -81.57, 82.06</a>
CIELCh	<a href="#">88, 115.711, 134.828</a>
Yxy	<a href="#">72.5627, 0.3073, 0.5897</a>
Android (android.graphics.Color)	<a href="#">4282253076 (0xFF3DFF14)</a>
YUV	<a href="#">170.2040, -74.0506, -95.7719</a>
Hunter-Lab	<a href="#">85.1837, -69.8401, 50.8065</a>

# Details

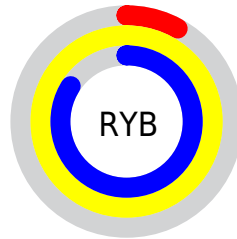
The HunterLab color **85.1837, -69.8401, 50.8065** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **46.9263, 93.0035, -88.9900**, and the grayscale version is **63.7958, -3.4040, 3.4661**.

A 20% lighter version of the original color is **88.2558, -56.1282, 45.6374**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **84.8916, -71.1419, 51.0644**, and if you desaturate by 10%, it is **85.7378, -67.3301, 49.8989**.

# Distribution



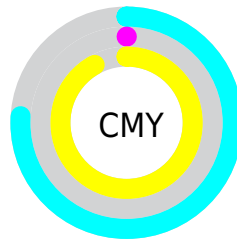
- Red (24%)
- Green (100%)
- Blue (8%)



- Red (8%)
- Yellow (100%)
- Blue (84%)



- Cyan (76%)
- Magenta (0%)
- Yellow (92%)
- Black (0%)




- Cyan (76%)
- Magenta (0%)
- Yellow (92%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.1837, -69.8401, 50.8065 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 85.1837, -69.8401, 50.8065 by changing the saturation by 10% instead.





 85.1837, -69.8401,  
50.8065


 85.1837, -69.8401,  
50.8065


216.6790,  
-108.8970, 91.4859


 73.2246, -64.7322,  
45.5264


 110.8405,  
-79.4311, 60.7904


 61.8843, -59.3613,  
40.0313


 124.4887,  
-83.9759, 65.5342


 51.1987, -53.6694,  
34.3116


 138.6551,  
-88.3839, 70.1358

 41.2106, -47.5783,  
28.7362

 153.3216,  
-92.6729, 74.6106

 31.9726, -40.9811,  
22.3808

 168.4715,  
-96.8575, 78.9719

 23.5514, -33.7291,  
16.4860

 184.0900,

 16.0358, -28.0626,

-100.9497, 83.2316

11.2250

200.1633,  
-104.9600, 87.3999

■ 9.5516, -16.7154,  
6.6861

0.0000, NaN, NaN

■ 85.1837, -69.8401,  
50.8065

■ 85.1837, -69.8401,  
50.8065


■ 84.8916, -71.1419,  
51.0644


■ 85.7378, -67.3301,  
49.8989


■ 86.5246, -63.7328,  
48.1127


■ 87.5621, -58.9897,  
45.3435


■ 88.8622, -53.0858,  
41.5370

 90.4317, -46.0423,  
36.6780

 92.2731, -37.9096,  
30.7835

 94.3851, -28.7607,  
23.8961

 96.7632, -18.6841,  
16.0771

 99.4006, -7.7768,  
7.4006

# Harmonies

## Analogous

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



85.1837, -31.2835, 56.6677



85.1837, -69.8401, 50.8065



85.1837, -87.7487, 28.0140

# Triad

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



85.1837, -69.8398, 50.8057



85.1837, -31.8465, -174.7737



85.1837, 132.4909, 27.5871

# Complementary

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



85.1837, -69.8401, 50.8065



46.9263, 93.0035, -88.9900

# 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.



85.1837, 132.2209, -28.1084



85.1837, -69.8401, 50.8065



85.1837, 25.9508, -175.2070

# Square

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



85.1837, -69.8398, 50.8057



85.1837, -70.1563, -109.3743



85.1837, 89.3233, -110.3275



85.1837, 89.9845, 50.6722



# Rectangle

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



85.1837, -69.8401, 50.8065



85.1837, -89.7014, -4.7968



85.1837, 89.3233, -110.3275



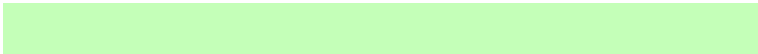
85.1837, 137.7052, 13.1013

# Sweetspot

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



85.1837, -69.8398, 50.8057



93.1164, -34.2336, 28.0443



82.6789, -4.5932, 50.3906



42.6744, -17.6058, 14.2915

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.1837, -69.8398, 50.8057



84.8916, -71.1419, 51.0644



85.1381, -69.1348, 43.8056



45.0781, -7.3458, 6.4141



61.4002, -51.2729, 36.9369



19.2629, -15.5580, 11.5974



# Inverse Universe

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



46.9263, 93.0035, -88.9900



45.8255, 94.2325, -92.5182



50.0805, 89.8206, -19.0631



42.5802, 2.8857, -1.9084



33.2136, 68.2376, -66.5856

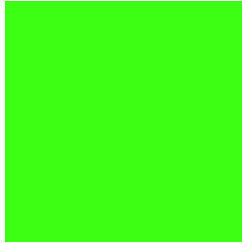


10.5560, 21.5572, -20.1527



# Previews

## White Background



This preview shows how the HunterLab color 85.1837, -69.8401, 50.8065 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

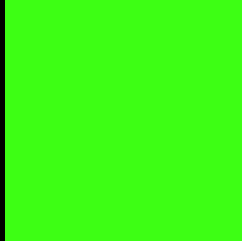
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.1837, -69.8401, 50.8065 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 85.1837, -69.8401, 50.8065 Background



This preview shows how black text looks on a background with the HunterLab color 85.1837, -69.8401, 50.8065.



This preview shows how white text looks on a background with the HunterLab color 85.1837, -69.8401, 50.8065.

-69.8401, 50.8065.

# 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

85.1837, -69.8401, 50.8065

### Protanopia

84.2381, -11.9049, 51.6987

### Deuteranopia

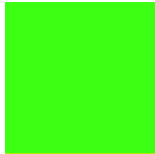
83.9743, 2.2831, 31.7089



## Tritanopia

84.5996, -28.8315, -14.6789

# Trichromacy



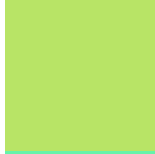
## Original Color

85.1837, -69.8401, 50.8065



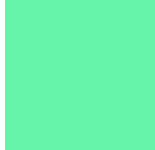
## Protanomaly

82.3874, -40.6849, 49.9098



## Deuteranomaly

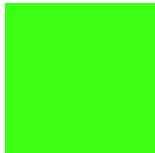
81.6312, -33.7206, 40.5803



## Tritanomaly

83.5633, -50.5686, 23.6228

# Monochromacy



## Original Color

85.1837, -69.8401, 50.8065



## Achromatopsia

63.4017, -3.3830, 3.4447



## Achromatomaly

69.1064, -35.2148, 28.0508

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.1837, -69.8401, 50.8065 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(61, 255, 20)` looks like.

```
.text, #text, p{  
    color:rgb(61, 255, 20)  
}
```

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(61, 255, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 255, 20) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.1837, -69.8401, 50.8065 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(61, 255, 20) }
```



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

```
.border{ border-color:rgb(61, 255, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 255, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 255, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 255, 20);  
box-shadow:4px 4px 4px 4px rgb(61, 255,  
20) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.1837, -69.8401, 50.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 255, 20) }
```

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

```
.background{ background-color: rgb(61, 255,  
20) }
```

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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