

Converting Colors

HunterLab(85.1371, -69.7924,
48.8712)

Have a look what the booklet for
HunterLab(85.1371, -69.7924,
48.8712) contains.

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Color

**HunterLab(85.1357,
-69.8014, 48.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF35
RGB	51, 255, 53
RGB Percent	20%, 100%, 21%
CMY	0.8000, 0.0000, 0.7921
CMYK	0.80, 0.00, 0.79, 0.00
HSL	121°, 100%, 60%
HSV	121°, 80%, 100%
XYZ	37.7679, 72.4809, 15.3678
YIQ	170.9760, -56.7420, -106.0700

Conversions

Conversions Part 2

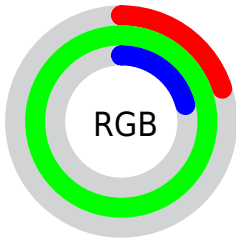
Format	Color
RYB	51, 253, 255
Decimal	3407669
CIELab	88.20, -81.54, 75.52
CIELCh	88, 111.144, 137.196
Yxy	72.4809, 0.3007, 0.5770
Android (android.graphics.Color)	4281597749 (0xFF33FF35)
YUV	170.9760, -58.1622, -105.2190
Hunter-Lab	85.1357, -69.8014, 48.8926

Details

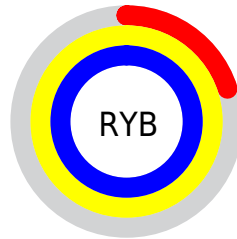
The HunterLab color **85.1357, -69.8014, 48.8926** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **55.4247, 96.7316, -63.5556**, and the grayscale version is **64.0560, -3.4179, 3.4803**.

A 20% lighter version of the original color is **88.1728, -56.0618, 42.4436**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.7442, -71.6735, 50.2061**, and if you desaturate by 10%, it is **85.8084, -66.6132, 46.6947**.

Distribution



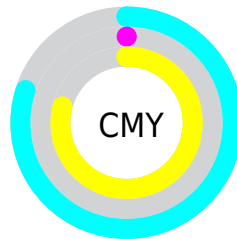
- Red (20%)
- Green (100%)
- Blue (21%)



- Red (20%)
- Yellow (99%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (79%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.1357, -69.8014, 48.8926 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 85.1357, -69.8014, 48.8926 by changing the saturation by 10% instead.


 85.1357, -69.8014,
48.8926


 85.1357, -69.8014,
48.8926


216.6135,
-108.8498, 86.6757

 73.1790, -64.6943,
43.9908


 110.7881,
-79.3906, 58.1517


 61.8412, -59.3242,
38.8797


 124.4342,
-83.9343, 62.5513


 51.1582, -53.6329,
33.5400


 138.5986,
-88.3414, 66.8211

 41.1729, -47.5424,
28.0577

 153.2632,
-92.6295, 70.9758

 31.9379, -40.9453,
22.3566

 168.4112,
-96.8131, 75.0282

 23.5202, -33.6931,
16.4641

184.0279,

 16.0083, -28.0144,

-100.9044, 78.9894

11.2058

200.0995,
-104.9137, 82.8691

■ 9.5285, -16.6749,
6.6700

0.0000, NaN, NaN

■ 85.1357, -69.8014,
48.8926

■ 85.1357, -69.8014,
48.8926

■ 84.7442, -71.6735,
50.2061

■ 85.8084, -66.6132,
46.6947

■ 84.5728, -72.4979,
50.7936

■ 86.7953, -61.9928,
43.5406

■ 84.5728, -72.4979,
50.7936

■ 88.1187, -55.8948,
39.4028

■ 89.7918, -48.3358,
34.2949

■ 91.8201, -39.3831,
28.2641

■ 94.2026, -29.1424,
21.3828

■ 96.9328, -17.7450,
13.7400

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.



85.1357, -33.9866, 55.8346



85.1357, -69.8014, 48.8926



85.1357, -85.9085, 24.2820

Triad

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



85.1357, -69.8010, 48.8918



85.1357, -27.0312, -166.9075



85.1357, 124.0134, 29.6120

Complementary

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



85.1357, -69.8014, 48.8926



55.4247, 96.7316, -63.5556

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.



85.1357, 127.2782, -21.2121



85.1357, -69.8014, 48.8926



85.1357, 29.5310, -161.7457

Square

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



85.1357, -69.8010, 48.8918



85.1357, -65.8440, -109.3145



85.1357, 89.2743, -97.8958



85.1357, 81.2525, 50.6439

Rectangle

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



85.1357, -69.8014, 48.8926



85.1357, -86.9512, -9.1598



85.1357, 89.2743, -97.8958



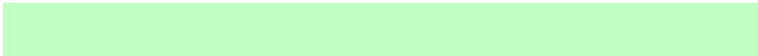
85.1357, 130.0945, 16.4476

Sweetspot

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



85.1357, -69.8010, 48.8918



93.2073, -33.3854, 24.2321



96.4464, -25.1660, 57.0638



42.7337, -17.1187, 12.3353

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.1357, -69.8010, 48.8918



84.6250, -72.2476, 50.6231



86.3271, -62.4190, 31.4033



44.9122, -7.9357, 6.1732



61.1350, -52.3992, 36.7013



19.0789, -16.3344, 11.4143

Inverse Universe

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



55.4247, 96.7316, -63.5556



53.4295, 103.6586, -68.0037



50.9192, 79.7669, -2.3189



42.7751, 3.5311, -1.5888



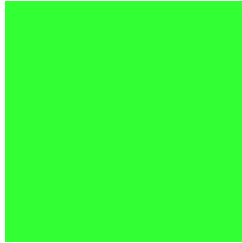
38.4693, 75.4718, -49.4973



12.0078, 23.5638, -15.4966

Previews

White Background



This preview shows how the HunterLab color 85.1357, -69.8014, 48.8926 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 85.1357, -69.8014, 48.8926 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 85.1357, -69.8014, 48.8926 Background



This preview shows how black text looks on a background with the HunterLab color 85.1357, -69.8014, 48.8926.



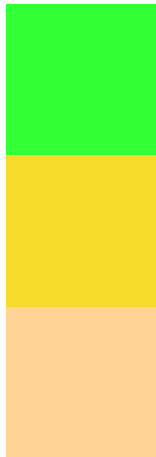
This preview shows how white text looks on a background with the HunterLab color 85.1357,

-69.8014, 48.8926.

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

85.1357, -69.8014, 48.8926

Protanopia

83.9272, -11.1966, 49.8362

Deuteranopia

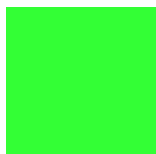
83.9743, 2.2831, 31.7089



Tritanopia

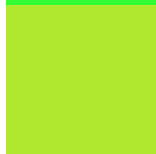
84.8524, -29.6300, -14.3395

Trichromacy



Original Color

85.1357, -69.8014, 48.8926



Protanomaly

81.8733, -40.7025, 47.7899



Deuteranomaly

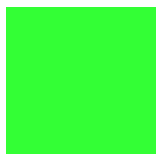
81.5631, -33.6684, 38.0971



Tritanomaly

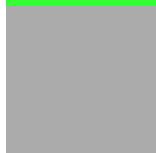
84.0358, -49.9407, 19.6841

Monochromacy



Original Color

85.1357, -69.8014, 48.8926



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

69.5065, -34.9136, 24.7981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.1357, -69.8014, 48.8926 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(51, 255, 53)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 53)  
}
```

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(51, 255, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 85.1357, -69.8014, 48.8926 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(51, 255, 53) }
```


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

```
.border{ border-color:rgb(51, 255, 53) }
```

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

Here you see how a box with a 4 pixel rgb(51, 255, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 53);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.1357, -69.8014, 48.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 53) }
```

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

```
.background{ background-color: rgb(51, 255,  
53) }
```

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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