

# Converting Colors

HunterLab(85.2460, -69.1132,  
47.2631)

Have a look what the booklet for  
HunterLab(85.2460, -69.1132,  
47.2631) contains.

<b>HunterLab(85.2444, -69.1232, 47.2869)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(85.2444,  
-69.1232, 47.2869)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FF46
RGB	51, 255, 70
RGB Percent	20%, 100%, 27%
CMY	0.8000, 0.0000, 0.7255
CMYK	0.80, 0.00, 0.73, 0.00
HSL	126°, 100%, 60%
HSV	126°, 80%, 100%
XYZ	38.2308, 72.6661, 17.8054
YIQ	172.9140, -62.1990, -100.7830

# Conversions

## Conversions Part 2

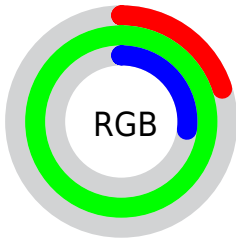
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 238, 255
Decimal	3407686
CIELab	88.29, -80.43, 70.44
CIELCh	88, 106.913, 138.790
Yxy	72.6661, 0.2970, 0.5646
Android (android.graphics.Color)	4281597766 (0xFF33FF46)
YUV	172.9140, -50.7366, -106.9186
Hunter-Lab	85.2444, -69.1232, 47.2869

# Details

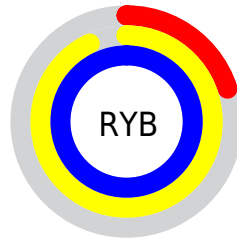
The HunterLab color **85.2444, -69.1232, 47.2869** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **54.4826, 93.2487, -51.1499**, and the grayscale version is **64.8312, -3.4592, 3.5224**.

A 20% lighter version of the original color is **88.3544, -54.9620, 39.7772**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **84.8159, -71.2240, 49.1450**, and if you desaturate by 10%, it is **85.9475, -65.7514, 44.6444**.

# Distribution



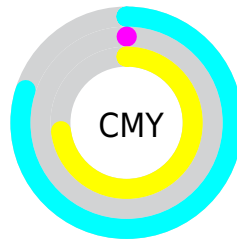
- Red (20%)
- Green (100%)
- Blue (27%)



- Red (20%)
- Yellow (93%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.2444, -69.1232, 47.2869 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 85.2444, -69.1232, 47.2869 by changing the saturation by 10% instead.



85.2444, -69.1232,  
47.2869

85.2444, -69.1232,  
47.2869

216.7618,  
-107.6872, 82.8108

73.2823, -64.0853,  
42.6866

110.9068,  
-78.5860, 55.9747

61.9389, -58.7896,  
37.8854

124.5575,  
-83.0717, 60.1051

51.2499, -53.1786,  
32.8585

138.7265,  
-87.4234, 64.1161

41.2582, -47.1757,  
27.5928

153.3954,  
-91.6586, 68.0217

32.0163, -40.6748,  
22.4114

168.5477,  
-95.7915, 71.8343

23.5910, -33.5286,  
16.5137

184.1684,

16.0706, -28.1235,

-99.8341, 75.5641

11.2494

200.2440,  
-103.7965, 79.2204

■ 9.5809, -16.7666,  
6.7066

0.0000, NaN, NaN

■ 85.2444, -69.1232,  
47.2869

■ 85.2444, -69.1232,  
47.2869

■ 84.8159, -71.2240,  
49.1450

■ 85.9475, -65.7514,  
44.6444

■ 84.6079, -72.2772,  
50.2733

■ 86.9550, -61.0134,  
41.1937

■ 84.6079, -72.2772,  
50.2733

■ 88.2869, -54.8765,  
36.9397

■ 89.9550, -47.3633,  
31.9156

■ 91.9640, -38.5412,  
26.1768

■ 94.3127, -28.5115,  
19.7953

■ 96.9948, -17.3978,  
12.8523

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.



85.2444, -35.3103, 55.0757



85.2444, -69.1232, 47.2869



85.2444, -83.9974, 21.6024

# Triad

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



85.2444, -69.1228, 47.2861



85.2444, -23.7004, -158.7320



85.2444, 116.7871, 30.5900

# Complementary

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



85.2444, -69.1232, 47.2869



54.4826, 93.2487, -51.1499

# 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.



85.2444, 122.1225, -16.7339



85.2444, -69.1232, 47.2869



85.2444, 31.2971, -150.4198

# Square

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



85.2444, -69.1228, 47.2861



85.2444, -62.4415, -107.1683



85.2444, 87.7976, -88.6740



85.2444, 74.6409, 50.3807



# Rectangle

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



85.2444, -69.1232, 47.2869



85.2444, -84.4411, -11.7655



85.2444, 87.7976, -88.6740



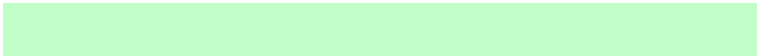
85.2444, 123.2750, 18.3195

# Sweetspot

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



85.2444, -69.1228, 47.2861



93.3326, -32.6614, 22.4203



94.8347, -31.1606, 55.9330



42.7971, -16.7499, 11.4173

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.2444, -69.1228, 47.2861



84.6733, -71.9444, 49.9079



86.6753, -60.2830, 26.3389



44.9396, -7.7826, 5.7810



61.1668, -52.1991, 36.2297



19.1094, -16.1431, 10.9633



# Inverse Universe

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



54.4826, 93.2487, -51.1499



52.2672, 99.5880, -52.8146



50.4038, 77.7715, 5.0206



42.7428, 3.3582, -1.1302



37.6068, 72.4699, -38.2345

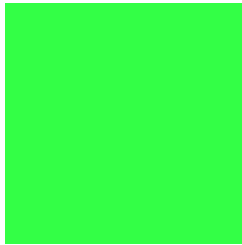


11.7694, 22.7347, -12.3883



# Previews

## White Background



This preview shows how the HunterLab color 85.2444, -69.1232, 47.2869 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

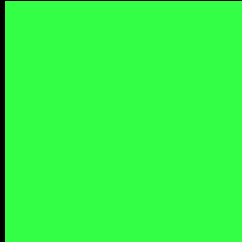
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.2444, -69.1232, 47.2869 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 85.2444, -69.1232, 47.2869 Background



This preview shows how black text looks on a background with the HunterLab color 85.2444, -69.1232, 47.2869.



This preview shows how white text looks on a background with the HunterLab color 85.2444, -69.1232, 47.2869.

-69.1232, 47.2869.

# 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

85.2444, -69.1232, 47.2869

### Protanopia

84.3304, -11.1764, 48.6644

### Deuteranopia

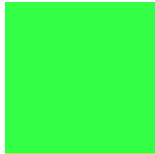
84.0321, 2.5949, 30.8663



## Tritanopia

84.8961, -29.4652, -14.2757

# Trichromacy



## Original Color

85.2444, -69.1232, 47.2869



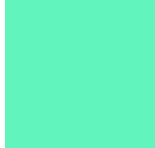
## Protanomaly

82.3176, -40.5274, 46.5206



## Deuteranomaly

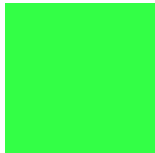
81.6797, -32.9886, 36.3879



## Tritanomaly

84.1865, -49.0347, 17.5098

# Monochromacy



## Original Color

85.2444, -69.1232, 47.2869



## Achromatopsia

64.6440, -3.4492, 3.5122



## Achromatomaly

70.1117, -33.9617, 22.9106

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.2444, -69.1232, 47.2869 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, 70)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 70)  
}
```

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, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 70) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.2444, -69.1232, 47.2869 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, 70) }
```



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

```
.border{ border-color:rgb(51, 255, 70) }
```

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, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 70);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
70) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.2444, -69.1232, 47.2869 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, 70) }
```

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

```
.background{ background-color: rgb(51, 255,  
70) }
```

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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