

# Converting Colors

HunterLab(84.9587, -36.9670,  
45.7207)

Have a look what the booklet for  
HunterLab(84.9587, -36.9670,  
45.7207) contains.

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# Color

**HunterLab(84.9538,  
-36.9742, 45.7027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEED55
RGB	190, 237, 85
RGB Percent	75%, 93%, 33%
CMY	0.2549, 0.0706, 0.6666
CMYK	0.20, 0.00, 0.64, 0.07
HSL	79°, 81%, 63%
HSV	79°, 64%, 93%
XYZ	53.1592, 72.1715, 19.7232
YIQ	205.6190, 20.7800, -57.2360

# Conversions

## Conversions Part 2

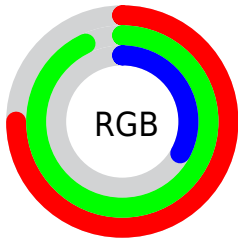
Format	Color
<a href="#">RYB</a>	<a href="#">85, 237, 132</a>
Decimal	<a href="#">12512597</a>
CIELab	<a href="#">88.05, -36.54, 66.24</a>
CIElCh	<a href="#">88, 75.648, 118.886</a>
Yxy	<a href="#">72.1747, 0.3665, 0.4975</a>
Android (android.graphics.Color)	<a href="#">4290702677 (0xFFBEED55)</a>
YUV	<a href="#">205.6190, -59.4652, -13.6979</a>
Hunter-Lab	<a href="#">84.9538, -36.9742, 45.7027</a>

# Details

The HunterLab color  $84.9538, -36.9742, 45.7027$  is a light color, and the websafe version is hex  $CCFF66$ . The color can be described as light muted chartreuse. A complement of this color would be  $41.8557, 46.3898, -86.8963$ , and the grayscale version is  $78.6413, -4.1961, 4.2727$ .

A 20% lighter version of the original color is  $96.7382, -22.3512, 43.7739$ , and  $61.7129, -31.8602, 36.8336$  is the 20% darker color. If you saturate the color by 10%, you get  $84.2251, -40.1851, 48.0574$ , and if you desaturate by 10%, it is  $85.7812, -33.2916, 42.3325$ .

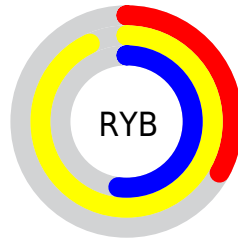
# Distribution



Red (75%)

Green (93%)

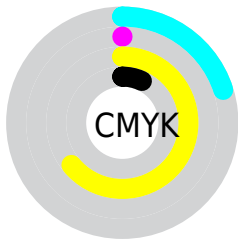
Blue (33%)



Red (33%)

Yellow (93%)

Blue (52%)

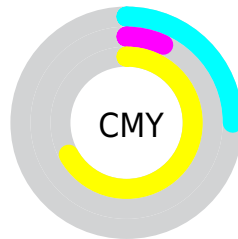


Cyan (20%)

Magenta (0%)

Yellow (64%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.9538, -36.9742, 45.7027 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 84.9538, -36.9742, 45.7027 by changing the saturation by 10% instead.



■ 84.9538, -36.9742,  
45.7027

■ 84.9538, -36.9742,  
45.7027

216.3676,  
-57.5982, 79.3956

■ 73.0078, -34.4666,  
41.3497

■ 110.5915,  
-41.8064, 53.9279

■ 61.6794, -31.8729,  
36.8025

■ 124.2298,  
-44.1487, 57.8400

■ 51.0063, -29.1732,  
32.0349

■ 138.3868,  
-46.4534, 61.6412

■ 41.0316, -26.3365,  
27.0239

■ 153.0441,  
-48.7269, 65.3451

■ 31.8081, -23.3173,  
22.2657

168.1852,  
-50.9742, 68.9632

■ 23.4029, -20.0452,  
16.3821

183.7951,

■ 15.9052, -16.4029,

-53.1996, 72.5055

11.1336

199.8601,  
-55.4066, 75.9806

■ 9.4418, -16.5232,  
6.6093

0.0000, NaN, NaN

■ 84.9538, -36.9742,  
45.7027

■ 84.9538, -36.9742,  
45.7027

■ 84.2251, -40.1851,  
48.0574

■ 85.7812, -33.2916,  
42.3325

■ 83.5838, -42.9412,  
49.4751

■ 86.7060, -29.1179,  
37.8908

■ 83.0236, -45.2837,  
50.0717

■ 87.7330, -24.4517,  
32.3449

■ 82.7246, -46.5115,  
50.1602

■ 88.8642, -19.2966,  
25.6787

■ 90.1006, -13.6622,  
17.8918

■ 91.4426, -7.5631,  
8.9960

■ 92.8900, -1.0176,  
-0.9856

■ 93.7360, 2.1541,  
-2.0441

■ 94.3672, 4.2944,  
-1.2174

# Harmonies

## Analogous

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



84.9557, -3.1151, 48.8558



84.9538, -36.9742, 45.7027



84.9557, -58.3955, 33.2309

# Triad

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



84.9557, -36.9764, 45.7033



84.9557, -39.0355, -78.7971



84.9557, 81.3690, 3.2646

# Complementary

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



84.9538, -36.9742, 45.7027



41.8557, 46.3898, -86.8963

# 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.



84.9557, 67.3536, -39.6055



84.9538, -36.9742, 45.7027



84.9557, -5.9507, -98.0945

# Square

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



84.9557, -36.9764, 45.7033



84.9557, -59.4295, -36.1807



84.9557, 33.6425, -81.3105



84.9557, 69.2158, 31.7759



# Rectangle

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



84.9538, -36.9742, 45.7027



84.9557, -64.9115, 16.9402



84.9557, 33.6425, -81.3105



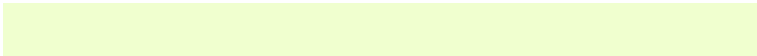
84.9557, 79.5248, -9.8655

# Sweetspot

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



84.9557, -36.9764, 45.7033



97.2272, -17.9354, 23.7747



58.9816, 31.8498, 28.2614



44.8053, -9.1018, 12.1013

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.9557, -36.9764, 45.7033



91.2899, -44.6674, 52.8139



80.5605, -54.4582, 42.3617



41.6891, -4.9949, 6.3749



61.1822, -34.1300, 37.1027



17.2909, -8.9838, 10.4973



# Inverse Universe

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



41.8557, 46.3898, -86.8963



37.7628, 62.7450, -124.1724



50.8146, 66.1908, -61.0186



38.4380, 0.8557, -2.4019



20.4419, 51.3373, -113.3781

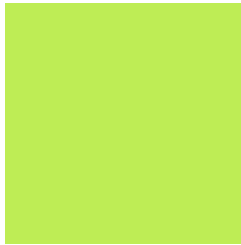


6.1424, 14.7865, -29.1117



# Previews

## White Background



This preview shows how the HunterLab color 84.9538, -36.9742, 45.7027 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 84.9538, -36.9742, 45.7027 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

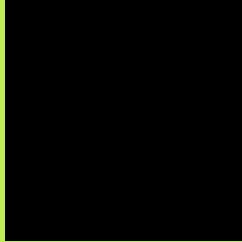
Any Text WCAG AA ✓ Pass

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 84.9538, -36.9742, 45.7027 Background



This preview shows how black text looks on a background with the HunterLab color 84.9538, -36.9742, 45.7027.



This preview shows how white text looks on a background with the HunterLab color 84.9538,

-36.9742, 45.7027.

# 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

84.9538, -36.9742, 45.7027

### Protanopia

84.7850, -10.8739, 46.7465

### Deuteranopia

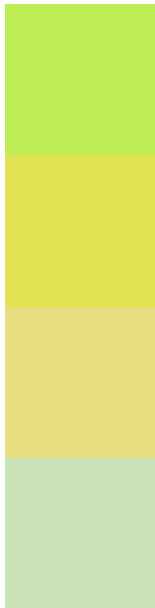
84.4090, 2.5022, 29.9636



## Tritanopia

84.7847, -5.8134, -4.9637

# Trichromacy



## Original Color

84.9538, -36.9742, 45.7027

## Protanomaly

84.6854, -20.9807, 46.2266

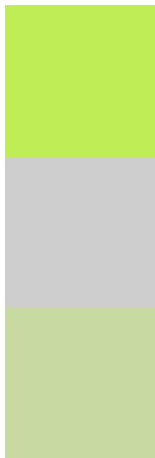
## Deuteranomaly

84.1684, -13.4637, 36.7517

## Tritanomaly

84.1276, -19.6967, 19.9210

# Monochromacy



## Original Color

84.9538, -36.9742, 45.7027

## Achromatopsia

78.5625, -4.1919, 4.2684

## Achromatomaly

80.3204, -17.9896, 23.9457

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.9538, -36.9742, 45.7027 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(190, 237, 85)` looks like.

```
.text, #text, p{  
    color:rgb(190, 237, 85)  
}
```

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(190, 237, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 237, 85) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.9538, -36.9742, 45.7027 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(190, 237, 85) }
```



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

```
.border{ border-color:rgb(190, 237, 85) }
```

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

Here you see how a box with a 4 pixel rgb(190, 237, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 237, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 237, 85);  
box-shadow:4px 4px 4px 4px rgb(190, 237,  
85) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.9538, -36.9742, 45.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 237, 85) }
```

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

```
.background{ background-color: rgb(190,  
237, 85) }
```

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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