

Converting Colors

HunterLab(85.1434, -33.3394,
50.0109)

Have a look what the booklet for
HunterLab(85.1434, -33.3394,
50.0109) contains.

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Color

**HunterLab(85.1230,
-33.3737, 49.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	CCEB2F
RGB	204, 235, 47
RGB Percent	80%, 92%, 18%
CMY	0.2000, 0.0784, 0.8157
CMYK	0.13, 0.00, 0.80, 0.08
HSL	70°, 82%, 55%
HSV	70°, 80%, 92%
XYZ	55.1232, 72.4593, 13.7700
YIQ	204.2990, 41.8720, -65.0400

Conversions

Conversions Part 2

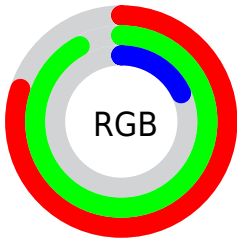
Format	Color
R _Y B	47, 235, 78
Decimal	13429551
CIE Lab	88.19, -32.13, 79.25
CIE LCh	88, 85.511, 112.068
Yxy	72.4625, 0.3900, 0.5126
Android (android.graphics.Color)	4291619631 (0xFFCCEB2F)
YUV	204.2990, -77.5484, -0.2622
Hunter-Lab	85.1230, -33.3737, 49.9950

Details

The HunterLab color **85.1230, -33.3737, 49.9950** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **31.0685, 55.6893, -129.8811**, and the grayscale version is **78.1446, -4.1696, 4.2457**.

A 20% lighter version of the original color is **96.9050, -22.5647, 50.2917**, and **61.8546, -28.0286, 37.6238** is the 20% darker color. If you saturate the color by 10%, you get **84.7232, -35.0805, 51.0058**, and if you desaturate by 10%, it is **85.5923, -31.3132, 48.1210**.

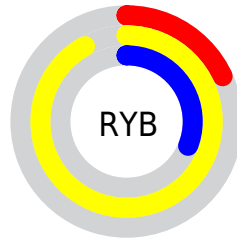
Distribution



Red (80%)

Green (92%)

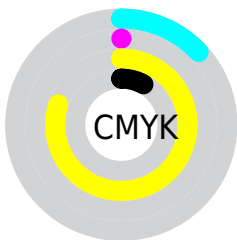
Blue (18%)



Red (18%)

Yellow (92%)

Blue (31%)

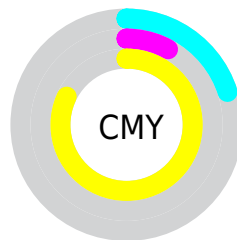


Cyan (13%)

Magenta (0%)

Yellow (80%)

Black (8%)



Cyan (20%)


Magenta (8%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.1230, -33.3737, 49.9950 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 85.1230, -33.3737, 49.9950 by changing the saturation by 10% instead.


 85.1230, -33.3737,
49.9950


 85.1230, -33.3737,
49.9950


216.5987,
-52.2787, 89.4317


 73.1687, -31.1067,
44.8774


 110.7763,
-37.7646, 59.6700


 61.8315, -28.7696,
39.5452


 124.4219,
-39.9021, 64.2662

 51.1491, -26.3464,
33.9856


 138.5859,
-42.0110, 68.7253

 41.1644, -23.8108,
28.4283

 153.2500,
-44.0964, 73.0624

 31.9301, -21.1245,
22.3511

 168.3977,
-46.1626, 77.2908

 23.5131, -18.2278,
16.4592

184.0139,

 16.0021, -15.0203,

-48.2132, 81.4221

11.2014

200.0851,
-50.2510, 85.4661

■ 9.5233, -15.2114,
6.6663

0.0000, NaN, NaN

■ 85.1230, -33.3737,
49.9950

■ 85.1230, -33.3737,
49.9950

■ 84.7232, -35.0805,
51.0058

■ 85.5923, -31.3132,
48.1210

■ 84.3735, -36.5018,
51.3514

■ 86.1327, -28.8542,
45.2784

■ 84.3734, -36.5022,
51.3515

■ 86.7517, -25.9732,
41.3914

■ 87.4538, -22.6527,
36.4051

■ 88.2423, -18.8828,
30.2824

■ 89.1200, -14.6592,
23.0020

■ 90.0886, -9.9836,
14.5561

■ 91.1495, -4.8618,
4.9491

■ 92.1793, 0.0249,
-4.0510

Harmonies

Analogous

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



85.1249, 7.1399, 51.4734



85.1230, -33.3737, 49.9950



85.1249, -60.3317, 40.1357

Triad

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



85.1249, -33.3762, 49.9955



85.1249, -49.5552, -83.4112



85.1249, 93.5373, -6.9234

Complementary

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



85.1230, -33.3737, 49.9950



31.0685, 55.6893, -129.8811

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.



85.1249, 70.7822, -59.1015



85.1230, -33.3737, 49.9950



85.1249, -15.6348, -115.4948

Square

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



85.1249, -33.3762, 49.9955



85.1249, -68.3021, -30.4372



85.1249, 28.7173, -104.8941



85.1249, 86.1899, 29.1587

Rectangle

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



85.1230, -33.3737, 49.9950



85.1249, -69.6751, 25.4276



85.1249, 28.7173, -104.8941



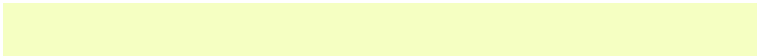
85.1249, 89.0191, -23.2430

Sweetspot

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



85.1249, -33.3762, 49.9955



97.3662, -18.0472, 28.6727



47.8841, 55.2714, 27.1426



44.8881, -9.1093, 14.5688

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.1249, -33.3762, 49.9955



92.6999, -39.5079, 56.2423



79.4501, -55.8909, 45.9707



41.8258, -4.5111, 6.5304



62.9806, -27.0838, 38.3342



17.7430, -7.2261, 10.8067

Inverse Universe

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



31.0685, 55.6893, -129.8811



28.5206, 72.1614, -177.8377



40.6080, 71.4426, -88.4896



38.2992, 0.3822, -2.5905



19.0057, 50.1118, -123.8714



5.6491, 14.3144, -32.3190

Previews

White Background



This preview shows how the HunterLab color 85.1230, -33.3737, 49.9950 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 85.1230, -33.3737, 49.9950 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 85.1230, -33.3737, 49.9950 Background



This preview shows how black text looks on a background with the HunterLab color 85.1230, -33.3737, 49.9950.



This preview shows how white text looks on a background with the HunterLab color 85.1230, -33.3737, 49.9950.

-33.3737, 49.9950.

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

85.1230, -33.3737, 49.9950

Protanopia

84.7607, -11.4377, 50.4302

Deuteranopia

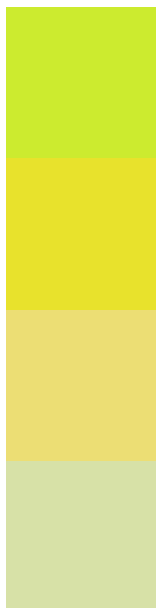
84.6875, 1.8749, 30.5064



Tritanopia

84.9993, -0.4958, -2.9868

Trichromacy



Original Color

85.1230, -33.3737, 49.9950

Protanomaly

84.6938, -19.7991, 50.1732

Deuteranomaly

84.4609, -12.8324, 40.2209

Tritanomaly

84.3134, -16.4479, 25.9568

Monochromacy



Original Color

85.1230, -33.3737, 49.9950

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

79.7150, -17.5334, 28.2821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.1230, -33.3737, 49.9950 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(204, 235, 47)` looks like.

```
.text, #text, p{  
    color:rgb(204, 235, 47)  
}
```

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(204, 235, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 235, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 85.1230, -33.3737, 49.9950 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(204, 235, 47) }
```


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

```
.border{ border-color:rgb(204, 235, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 235, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 235, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 235, 47);  
box-shadow:4px 4px 4px 4px rgb(204, 235,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.1230, -33.3737, 49.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 235, 47) }
```

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

```
.background{ background-color: rgb(204,  
235, 47) }
```

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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