

Converting Colors

HunterLab(83.9360, -36.6473,
52.0445)

Have a look what the booklet for
HunterLab(83.9360, -36.6473,
52.0445) contains.

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Color

**HunterLab(84.0127,
-36.1401, 51.1356)**

Conversions

Conversions Part 1

Format	Color
Hex	C4EA00
RGB	196, 234, 0
RGB Percent	77%, 92%, 0%
CMY	0.2314, 0.0823, 0.9999
CMYK	0.16, 0.00, 1.00, 0.08
HSL	70°, 100%, 46%
HSV	70°, 100%, 92%
XYZ	52.1877, 70.5813, 10.8729
YIQ	195.9620, 52.4660, -80.8300

Conversions

Conversions Part 2

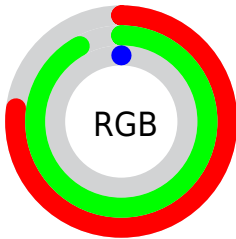
Format	Color
RYB	0, 234, 38
Decimal	12904960
CIELab	87.28, -35.75, 85.28
CIELCh	87, 92.472, 112.743
Yxy	70.5845, 0.3905, 0.5281
Android (android.graphics.Color)	4291095040 (0xFFC4EA00)
YUV	195.9620, -96.6093, 0.0333
Hunter-Lab	84.0127, -36.1401, 51.1356

Details

The HunterLab color **84.0127, -36.1401, 51.1356** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **25.2076, 66.7291, -166.3981**, and the grayscale version is **74.6654, -3.9840, 4.0567**.

A 20% lighter version of the original color is **96.7048, -23.6986, 53.2437**, and **60.9583, -29.8493, 37.0397** is the 20% darker color. If you saturate the color by 10%, you get **84.0142, -36.1443, 51.1364**, and if you desaturate by 10%, it is **84.3589, -34.7427, 50.7876**.

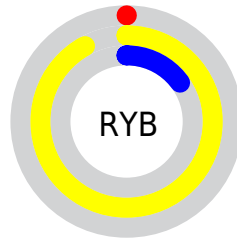
Distribution



Red (77%)

Green (92%)

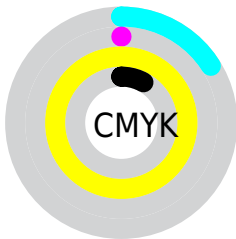
Blue (0%)



Red (0%)

Yellow (92%)

Blue (15%)

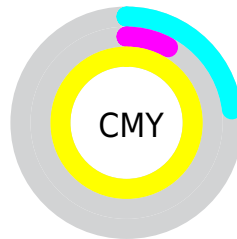


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (23%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0127, -36.1401, 51.1356 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 84.0127, -36.1401, 51.1356 by changing the saturation by 10% instead.

■ 84.0127, -36.1401,
51.1356

■ 84.0127, -36.1401,
51.1356

■ 215.0813,
-56.4761, 93.3541

■ 72.1133, -33.6703,
45.6537

■ 109.5637,
-40.9012, 61.5096

■ 60.8339, -31.1158,
39.9539

■ 123.1612,
-43.2097, 66.4373

■ 50.2130, -28.4568,
34.0361

■ 137.2789,
-45.4817, 71.2157

■ 40.2941, -25.6624,
28.2059

■ 151.8983,
-47.7234, 75.8603

■ 31.1310, -22.6869,
21.7917

■ 167.0027,
-49.9399, 80.3850

■ 22.7922, -19.4593,
15.9545

■ 182.5770,

■ 15.3689, -15.8599,

-52.1353, 84.8019

10.7582

198.6074,
-54.3130, 89.1218

■ 8.9791, -15.7135,
6.2854

0.0000, NaN, NaN

■ 84.0127, -36.1401,
51.1356

■ 84.0127, -36.1401,
51.1356

■ 84.0142, -36.1443,
51.1364

■ 84.3589, -34.7427,
50.7876

■ 84.7548, -33.0622,
49.7779

■ 85.2158, -31.0255,
47.9082

■ 85.7493, -28.5955,
45.0753

■ 86.3607, -25.7463,
41.2032

■ 87.0546, -22.4604,
36.2372

■ 87.8344, -18.7277,
30.1403

■ 88.7026, -14.5440,
22.8909

■ 89.6612, -9.9106,
14.4812

Harmonies

Analogous

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



84.0146, 7.0292, 52.6276



84.0127, -36.1401, 51.1356



84.0146, -64.1397, 41.3293

Triad

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



84.0146, -36.1425, 51.1361



84.0146, -51.7808, -94.3041



84.0146, 103.0257, -6.8150

Complementary

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



84.0127, -36.1401, 51.1356



25.2076, 66.7291, -166.3981

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.



84.0146, 78.5412, -64.3440



84.0127, -36.1401, 51.1356



84.0146, -15.4150, -129.8347

Square

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



84.0146, -36.1425, 51.1361



84.0146, -71.7130, -35.0893



84.0146, 32.6830, -116.6274



84.0146, 94.1227, 31.1198

Rectangle

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



84.0127, -36.1401, 51.1356



84.0146, -73.5976, 25.9755



84.0146, 32.6830, -116.6274



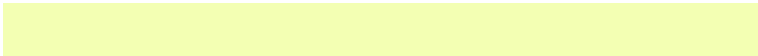
84.0146, 98.2752, -24.5518

Sweetspot

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



84.0146, -36.1425, 51.1361



96.8160, -20.7124, 33.3396



43.2469, 66.8740, 27.8181



44.6179, -10.4155, 16.8091

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.0146, -36.1425, 51.1361



92.6028, -39.9062, 56.3628



77.8712, -60.8655, 46.9176



41.8281, -4.5027, 6.5331



63.0150, -26.9513, 38.3577



17.7515, -7.1936, 10.8125

Inverse Universe

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



25.2076, 66.7291, -166.3981



27.7491, 73.5393, -183.7569



35.5358, 77.5688, -106.6282



38.2968, 0.3741, -2.5937



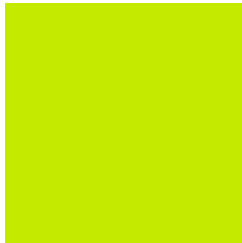
18.9881, 50.0979, -124.0095



5.6415, 14.3076, -32.3725

Previews

White Background



This preview shows how the HunterLab color 84.0127, -36.1401, 51.1356 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 84.0127, -36.1401, 51.1356 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 84.0127, -36.1401, 51.1356 Background



This preview shows how black text looks on a background with the HunterLab color 84.0127, -36.1401, 51.1356.



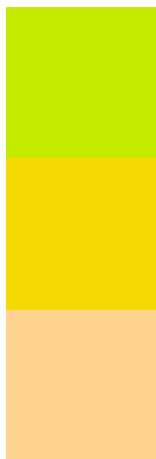
This preview shows how white text looks on a background with the HunterLab color 84.0127, -36.1401, 51.1356.

-36.1401, 51.1356.

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

84.0127, -36.1401, 51.1356

Protanopia

83.8188, -11.7995, 51.4422

Deuteranopia

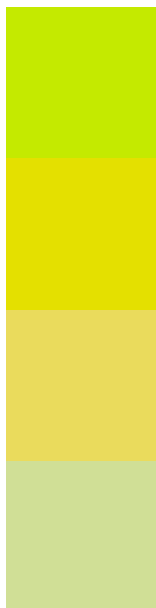
83.5836, 2.2979, 32.8274



Tritanopia

83.7084, -1.8433, -4.1214

Trichromacy



Original Color

84.0127, -36.1401, 51.1356

Protanomaly

83.5496, -20.9074, 51.1168

Deuteranomaly

83.0230, -13.7206, 43.6874

Tritanomaly

82.6966, -19.7312, 29.9246

Monochromacy



Original Color

84.0127, -36.1401, 51.1356

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

77.0127, -20.0106, 32.1675

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.0127, -36.1401, 51.1356 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(196, 234, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 234, 0)  
}
```

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(196, 234, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 234, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 84.0127, -36.1401, 51.1356 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(196, 234, 0) }
```


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

```
.border{ border-color:rgb(196, 234, 0) }
```

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

Here you see how a box with a 4 pixel rgb(196, 234, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 234, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 234, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 234,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.0127, -36.1401, 51.1356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 234, 0) }
```

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

```
.background{ background-color: rgb(196,  
234, 0) }
```

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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