

# Converting Colors

HunterLab(83.0724, -32.8405,  
50.6118)

Have a look what the booklet for  
HunterLab(83.0724, -32.8405,  
50.6118) contains.

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# Color

**HunterLab(83.0729,  
-32.8190, 50.6146)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C9E600                      |
| RGB         | 201, 230, 0                 |
| RGB Percent | 79%, 90%, 0%                |
| CMY         | 0.2118, 0.0980, 0.9999      |
| CMYK        | 0.13, 0.00, 1.00, 0.10      |
| HSL         | 68°, 100%, 45%              |
| HSV         | 68°, 100%, 90%              |
| XYZ         | 52.3841, 69.0111, 10.5595   |
| YIQ         | 195.1090, 56.5460, -77.6780 |

# Conversions

## Conversions Part 2

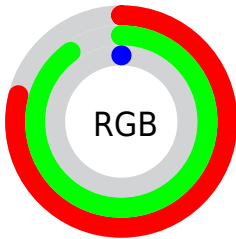
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 0, 230, 29                    |
| Decimal                             | 13231616                      |
| CIELab                              | 86.51, -31.91, 84.85          |
| CIELCh                              | 87, 90.653, 110.610           |
| Yxy                                 | 69.0142, 0.3970,<br>0.5230    |
| Android<br>(android.graphics.Color) | 4291421696<br>(0xFFC9E600)    |
| YUV                                 | 195.1090, -96.1887,<br>5.1664 |
| Hunter-Lab                          | 83.0729, -32.8190,<br>50.6146 |

# Details

The HunterLab color **83.0729, -32.8190, 50.6146** 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 **24.4457, 65.2284, -165.3756**, and the grayscale version is **74.3002, -3.9645, 4.0369**.

A 20% lighter version of the original color is **96.7048, -23.6986, 53.2437**, and **60.3413, -27.2492, 36.7050** is the 20% darker color. If you saturate the color by 10%, you get **83.0744, -32.8230, 50.6155**, and if you desaturate by 10%, it is **83.3559, -31.6755, 50.2312**.

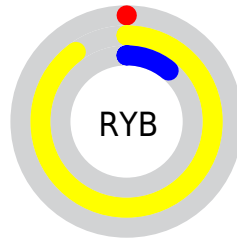
# Distribution



Red (79%)

Green (90%)

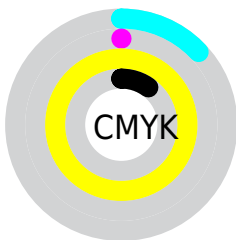
Blue (0%)



Red (0%)

Yellow (90%)

Blue (11%)

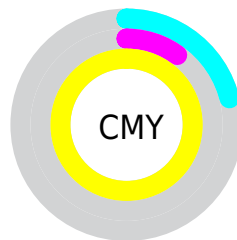


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (21%)

Magenta (10%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0729, -32.8190, 50.6146 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 83.0729, -32.8190, 50.6146 by changing the saturation by 10% instead.



83.0729, -32.8190,  
50.6146

83.0729, -32.8190,  
50.6146

213.7946,  
-51.6773, 92.7335

71.2203, -30.5534,  
45.1407

108.5366,  
-37.2033, 60.9699

59.9904, -28.2159,  
39.4481

122.0932,  
-39.3362, 65.8872

49.4219, -25.7893,  
33.5401

136.1714,  
-41.4398, 70.6545

39.5593, -23.2462,  
27.6915

150.7527,  
-43.5197, 75.2877

30.4572, -20.5458,  
21.3200

165.8202,  
-45.5800, 79.8007

22.1854, -17.6238,  
15.5297

181.3588,

14.8375, -14.3707,

-47.6245, 84.2057

10.3862

197.3544,  
-49.6561, 88.5134

■ 8.4901, -14.8577,  
5.9431

0.0000, NaN, NaN

■ 83.0729, -32.8190,  
50.6146

■ 83.0729, -32.8190,  
50.6146

■ 83.0744, -32.8230,  
50.6155

■ 83.3559, -31.6755,  
50.2312

■ 83.6846, -30.2656,  
49.2026

■ 84.0743, -28.5170,  
47.3327

■ 84.5322, -26.3923,  
44.5193

■ 85.0640, -23.8645,  
40.6860

■ 85.6742, -20.9147,  
35.7770

■ 86.3664, -17.5310,  
29.7532

■ 87.1432, -13.7071,  
22.5909

■ 88.0069, -9.4422,  
14.2792

# Harmonies

## Analogous

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



83.0748, 10.1952, 51.6885



83.0729, -32.8190, 50.6146



83.0748, -61.4127, 41.6943

# Triad

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



83.0748, -32.8215, 50.6151



83.0748, -52.6316, -87.8773



83.0748, 99.6434, -10.0997

# Complementary

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



83.0729, -32.8190, 50.6146



24.4457, 65.2284, -165.3756

# 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.



83.0748, 73.7996, -66.7410



83.0729, -32.8190, 50.6146



83.0748, -18.1219, -125.0446

# Square

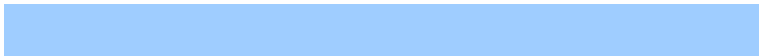
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0748, -32.8215, 50.6151



83.0748, -71.0401, -30.0870



83.0748, 28.3580, -115.7351



83.0748, 93.3511, 28.6416



# Rectangle

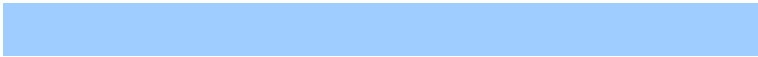
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0729, -32.8190, 50.6146



83.0748, -71.4519, 27.5185



83.0748, 28.3580, -115.7351



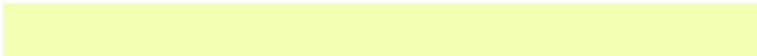
83.0748, 94.2502, -27.8050

# Sweetspot

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



83.0748, -32.8215, 50.6151



97.0722, -19.7813, 33.5823



41.9542, 67.0850, 27.0251



44.7525, -9.9240, 16.9322

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.0748, -32.8215, 50.6151



93.3714, -36.9563, 56.8880



76.6033, -58.6956, 46.1744



40.8903, -4.2735, 6.4104



62.5353, -24.5826, 38.1036



17.0757, -6.3926, 10.4100



# Inverse Universe

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



24.4457, 65.2284, -165.3756



27.4403, 73.3032, -186.2263



33.8402, 74.8305, -109.0095



37.3816, 0.2440, -2.5675



18.4688, 49.1410, -123.8215

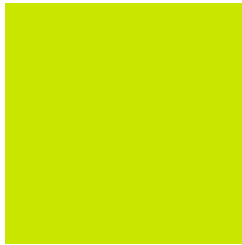


5.2965, 13.5830, -31.5586



# Previews

## White Background



This preview shows how the HunterLab color 83.0729, -32.8190, 50.6146 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 83.0729, -32.8190, 50.6146 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 83.0729, -32.8190, 50.6146 Background



This preview shows how black text looks on a background with the HunterLab color 83.0729, -32.8190, 50.6146.



This preview shows how white text looks on a background with the HunterLab color 83.0729, -32.8190, 50.6146.

-32.8190, 50.6146.

# 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

83.0729, -32.8190, 50.6146

### Protanopia

82.9812, -11.5891, 50.9297

### Deuteranopia

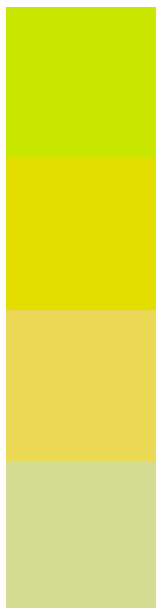
82.8313, 2.4755, 34.6764



## Tritanopia

83.0197, 0.2419, -2.8314

# Trichromacy



## Original Color

83.0729, -32.8190, 50.6146

## Protanomaly

82.9075, -19.9639, 50.7377

## Deuteranomaly

82.4377, -12.7182, 44.2431

## Tritanomaly

82.0305, -17.3202, 30.2921

# Monochromacy



## Original Color

83.0729, -32.8190, 50.6146

## Achromatopsia

73.8732, -3.9417, 4.0137

## Achromatomaly

76.4443, -18.8473, 31.9850

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.0729, -32.8190, 50.6146 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(201, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 230, 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(201, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 230, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.0729, -32.8190, 50.6146 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(201, 230, 0) }
```



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

```
.border{ border-color:rgb(201, 230, 0) }
```

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

Here you see how a box with a 4 pixel rgb(201, 230, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 230,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.0729, -32.8190, 50.6146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 230, 0) }
```

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

```
.background{ background-color: rgb(201,  
230, 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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