

# Converting Colors

HunterLab(84.5361, -20.7513,  
40.0100)

Have a look what the booklet for  
HunterLab(84.5361, -20.7513,  
40.0100) contains.

|  |    |
|--|----|
| <b>HunterLab(84.5211, -20.7858, 39.9119)</b> ..... | 3  |
| <b><i>Conversions</i></b> .....                    | 4  |
| <b><i>Details</i></b> .....                        | 6  |
| <b><i>Harmonies</i></b> .....                      | 12 |
| <b><i>Previews</i></b> .....                       | 24 |
| <b><i>Color Blindness Simulation</i></b> .....     | 28 |
| <b><i>CSS Examples</i></b> .....                   | 31 |

# Color

**HunterLab(84.5211,  
-20.7858, 39.9119)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DCE375                      |
| RGB         | 220, 227, 117               |
| RGB Percent | 86%, 89%, 46%               |
| CMY         | 0.1373, 0.1098, 0.5412      |
| CMYK        | 0.03, 0.00, 0.48, 0.11      |
| HSL         | 64°, 66%, 67%               |
| HSV         | 64°, 48%, 89%               |
| XYZ         | 60.1952, 71.4382, 27.4460   |
| YIQ         | 212.3670, 31.1380, -35.6940 |

# Conversions

## Conversions Part 2

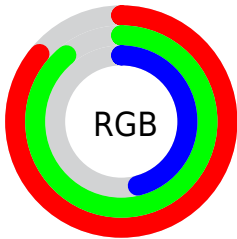
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 117, 227, 124                 |
| Decimal                             | 14476149                      |
| CIELab                              | 87.70, -17.59, 52.45          |
| CIELCh                              | 88, 55.322, 108.541           |
| Yxy                                 | 71.4414, 0.3784,<br>0.4491    |
| Android<br>(android.graphics.Color) | 4292666229<br>(0xFFDCE375)    |
| YUV                                 | 212.3670, -47.0159,<br>6.6941 |
| Hunter-Lab                          | 84.5211, -20.7858,<br>39.9119 |

# Details

The HunterLab color  $84.5211, -20.7858, 39.9119$  is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be  $47.4926, 24.1591, -61.0429$ , and the grayscale version is  $81.4867, -4.3479, 4.4273$ .

A 20% lighter version of the original color is  $97.8367, -17.3192, 36.6350$ , and  $61.3692, -17.8621, 32.8165$  is the 20% darker color. If you saturate the color by 10%, you get  $84.1106, -22.8661, 43.9132$ , and if you desaturate by 10%, it is  $85.0108, -18.2973, 34.8385$ .

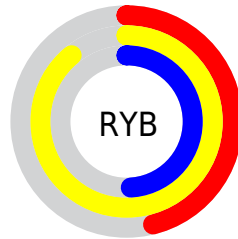
# Distribution



Red (86%)

Green (89%)

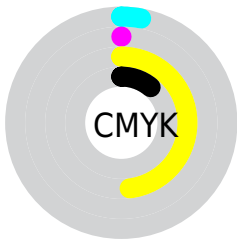
Blue (46%)



Red (46%)

Yellow (89%)

Blue (49%)

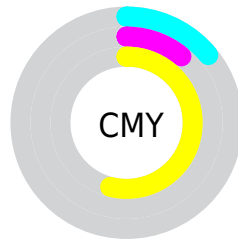


Cyan (3%)

Magenta (0%)

Yellow (48%)

Black (11%)



Cyan (14%)

Magenta (11%)


Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.5211, -20.7858, 39.9119 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 84.5211, -20.7858, 39.9119 by changing the saturation by 10% instead.





 84.5211, -20.7858,  
39.9119

 84.5211, -20.7858,  
39.9119


215.7765,  
-34.1813, 67.6093

 72.5965, -19.2811,  
36.3829


 110.1190,  
-23.7706, 46.6016

 61.2906, -17.7554,  
32.6984


 123.7387,  
-25.2535, 49.7972

 50.6414, -16.2028,  
28.8290


 137.8776,  
-26.7349, 52.9122

 40.6923, -14.6115,  
24.7390

152.5175,  
-28.2169, 55.9578

 31.4965, -12.9638,  
20.3962

167.6417,  
-29.7012, 58.9431

 23.1217, -11.2316,  
16.1852

183.2353,

 15.6581, -9.3666,

-31.1893, 61.8759

10.9607

199.2844,  
-32.6824, 64.7628

■ 9.2322, -8.7963,  
6.4625

0.0000, NaN, NaN

■ 84.5211, -20.7858,  
39.9119

■ 84.5211, -20.7858,  
39.9119

■ 84.1106, -22.8661,  
43.9132

■ 85.0108, -18.2973,  
34.8385

■ 83.7690, -24.5509,  
46.8969


■ 85.5775, -15.3786,  
28.6501


■ 83.4924, -25.8704,  
48.9390


■ 86.2263, -12.0237,  
21.3213


■ 83.2740, -26.8620,  
50.1386

■ 86.9595, -8.2289,  
12.8386


 83.1029, -27.5856,  
50.6530


 87.7788, -3.9954,  
3.2008

 83.0783, -27.6874,  
50.7077

 88.6854, 0.6720,  
-7.5830

 88.8844, 1.4806,  
-8.3117

 89.0195, 1.9408,  
-8.1246

 89.1555, 2.4034,  
-7.9366

# Harmonies

## Analogous

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



84.5230, 6.3255, 40.7101



84.5211, -20.7858, 39.9119



84.5230, -40.8317, 31.7349

# Triad

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



84.5230, -20.7884, 39.9126



84.5230, -36.9574, -42.8419



84.5230, 54.2559, -6.0927

# Complementary

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



84.5211, -20.7858, 39.9119



47.4926, 24.1591, -61.0429

# 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.



84.5230, 39.2055, -36.2733



84.5211, -20.7858, 39.9119



84.5230, -14.8342, -61.6165

# Square

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



84.5230, -20.7884, 39.9126



84.5230, -49.3043, -13.1425



84.5230, 13.0923, -58.8866



84.5230, 52.1229, 19.1746



# Rectangle

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



84.5211, -20.7858, 39.9119



84.5230, -48.5802, 21.1121



84.5230, 13.0923, -58.8866



84.5230, 50.9677, -16.1054

# Sweetspot

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



84.5230, -20.7884, 39.9126



98.6497, -12.3189, 21.2202



56.2666, 34.4981, 17.5402



45.5603, -6.1110, 10.7324

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.5230, -20.7884, 39.9126



95.9691, -26.0707, 50.0686



80.2418, -36.9523, 36.3617



40.9488, -4.0672, 6.4768



63.4586, -21.0856, 38.7337



17.2917, -5.5776, 10.5574



# Inverse Universe

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



47.4926, 24.1591, -61.0429



46.3735, 36.5925, -91.7434



52.6082, 38.4791, -48.8175



37.3239, 0.0468, -2.6460



18.1884, 48.9308, -126.0955

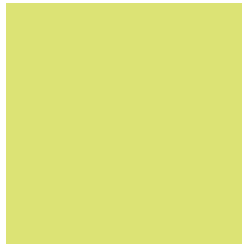


5.0988, 13.4194, -33.0425



# Previews

## White Background



This preview shows how the HunterLab color 84.5211, -20.7858, 39.9119 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

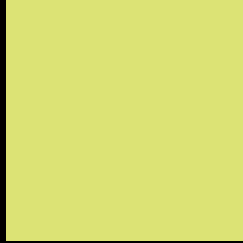
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.5211, -20.7858, 39.9119 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

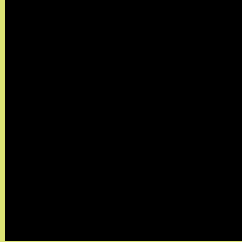
Any Text WCAG AA ✓ Pass

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 84.5211, -20.7858, 39.9119 Background



This preview shows how black text looks on a background with the HunterLab color 84.5211, -20.7858, 39.9119.



This preview shows how white text looks on a background with the HunterLab color 84.5211, -20.7858, 39.9119.

-20.7858, 39.9119.

# 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

84.5211, -20.7858, 39.9119

### Protanopia

84.4402, -9.7192, 40.4728

### Deuteranopia

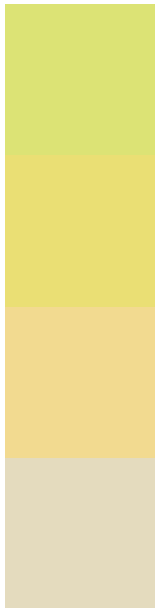
84.4699, 2.8308, 29.0764



## Tritanopia

84.3720, 4.8324, -1.0525

# Trichromacy



## Original Color

84.5211, -20.7858, 39.9119

## Protanomaly

84.5747, -14.0446, 40.2854

## Deuteranomaly

84.2815, -6.1789, 33.2641

## Tritanomaly

84.1871, -6.0732, 17.4610

# Monochromacy



## Original Color

84.5211, -20.7858, 39.9119

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

82.0043, -11.2221, 20.2606

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.5211, -20.7858, 39.9119 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(220, 227, 117)` looks like.

```
.text, #text, p{  
    color:rgb(220, 227, 117)  
}
```

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(220, 227, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 117) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.5211, -20.7858, 39.9119 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(220, 227, 117) }
```



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

```
.border{ border-color:rgb(220, 227, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 227, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 227, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 227, 117);  
box-shadow:4px 4px 4px 4px rgb(220, 227,  
117) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.5211, -20.7858, 39.9119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 227, 117) }
```

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

```
.background{ background-color: rgb(220,  
227, 117) }
```

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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