

# Converting Colors

HunterLab(84.8946, -4.0052,  
24.9386)

Have a look what the booklet for  
HunterLab(84.8946, -4.0052,  
24.9386) contains.

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# Color

**HunterLab(84.9511, -4.2838,  
25.0314)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0DBAC
RGB	240, 219, 172
RGB Percent	94%, 86%, 67%
CMY	0.0588, 0.1412, 0.3255
CMYK	0.00, 0.09, 0.28, 0.06
HSL	41°, 69%, 81%
HSV	41°, 28%, 94%
XYZ	68.7131, 72.1669, 49.3378
YIQ	219.9210, 27.6030, -10.1650

# Conversions

## Conversions Part 2

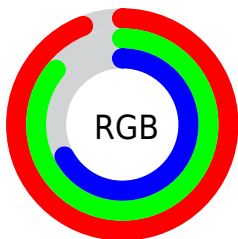
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 240, 172
Decimal	15784876
CIE <sub>Lab</sub>	88.05, 0.26, 25.78
CIE <sub>LCh</sub>	88, 25.781, 89.422
Yxy	72.1702, 0.3612, 0.3794
Android (android.graphics.Color)	4293974956 (0xFFFF0DBAC)
YUV	219.9210, -23.6251, 17.6093
Hunter-Lab	84.9511, -4.2838, 25.0314

# Details

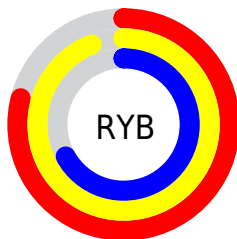
The HunterLab color  $84.9511, -4.2838, 25.0314$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $72.9386, -0.8473, -22.0825$ , and the grayscale version is  $84.6568, -4.5171, 4.5996$ .

A 20% lighter version of the original color is  $99.1874, -9.8058, 17.0725$ , and  $61.6037, -3.1071, 21.1082$  is the 20% darker color. If you saturate the color by 10%, you get  $82.1881, -3.2598, 30.3750$ , and if you desaturate by 10%, it is  $87.8238, -4.8960, 18.7732$ .

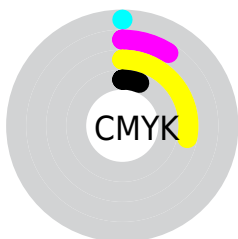
# Distribution



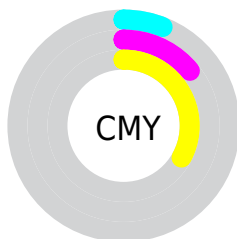
- Red (94%)
- Green (86%)
- Blue (67%)



- Red (79%)
- Yellow (94%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (28%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.9511, -4.2838, 25.0314 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 84.9511, -4.2838, 25.0314 by changing the saturation by 10% instead.



84.9511, -4.2838,  
25.0314

84.9511, -4.2838,  
25.0314

216.3640,  
-11.2137, 41.6411

73.0053, -3.6608,  
23.0679

110.5886, -5.6328,  
28.8486

61.6770, -3.0687,  
21.0508

124.2268, -6.3504,  
30.7159

51.0040, -2.5125,  
18.9655

138.3837, -7.0961,  
32.5638

41.0295, -1.9945,  
16.7899

153.0409, -7.8689,  
34.3967

31.8062, -1.5179,  
14.4925

168.1818, -8.6678,  
36.2183

23.4012, -1.0865,  
12.0265

183.7916, -9.4921,

15.9037, -0.7057,

38.0313

9.7403

199.8565,  
-10.3410, 39.8382

■ 9.4406, -0.3834,  
6.6084

0.0000, NaN, NaN

■ 84.9511, -4.2838,  
25.0314

■ 84.9511, -4.2838,  
25.0314

■ 82.1881, -3.2598,  
30.3750

■ 87.8238, -4.8960,  
18.7732

■ 79.5330, -1.8044,  
34.7604

■ 90.7961, -5.1031,  
11.6430

■ 76.9912, 0.0857,  
38.1581

■ 93.8656, -4.9251,  
3.6908

■ 74.5655, 2.4092,  
40.5521

■ 96.5805, -6.8334,  
1.3139

■ 72.2574, 5.1546,  
41.9490

■ 98.6232, -10.1588,  
3.7173

■ 70.0663, 8.2962,  
42.3900

■ 67.9865, 11.7772,  
41.9989

■ 67.6475, 12.3728,  
41.9007

# Harmonies

## Analogous

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



84.9530, 8.4801, 22.5658



84.9511, -4.2838, 25.0314



84.9530, -16.4058, 22.7486

# Triad

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



84.9530, -4.2866, 25.0325



84.9530, -25.1212, -7.8300



84.9530, 17.9380, -8.3046

# Complementary

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



84.9511, -4.2838, 25.0314



72.9386, -0.8473, -22.0825

# Split Complementary

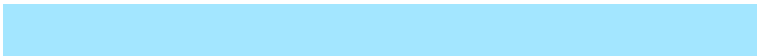
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9530, 8.0205, -18.6560



84.9511, -4.2838, 25.0314



84.9530, -16.8155, -18.3545

# Square

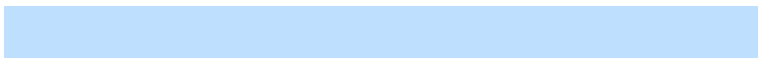
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.9530, -4.2866, 25.0325



84.9530, -27.9903, 4.8624



84.9530, -4.7880, -22.5791



84.9530, 21.7727, 4.3854



# Rectangle

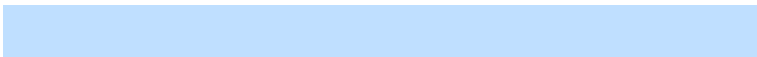
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.9511, -4.2838, 25.0314



84.9530, -22.6034, 18.6115



84.9530, -4.7880, -22.5791



84.9530, 15.1770, -12.2385

# Sweetspot

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



84.9530, -4.2866, 25.0325



97.3664, -5.4669, 12.2245



72.0453, 23.5028, 3.0278



44.8204, -2.5271, 6.2176

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.9530, -4.2866, 25.0325



89.2820, -4.0119, 30.2463



90.3974, -19.0759, 29.7689



41.9375, -2.3642, 5.7958



50.2967, 8.6885, 31.1447



15.1004, 1.4098, 9.3295



# Inverse Universe

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



72.9386, -0.8473, -22.0825



73.9179, 0.5446, -30.3280



67.8567, 13.7266, -29.9774



40.0309, -1.8515, -1.6131



25.1778, 27.2422, -90.2781



8.3512, 5.0865, -21.4185



# Previews

## White Background



This preview shows how the HunterLab color 84.9511, -4.2838, 25.0314 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

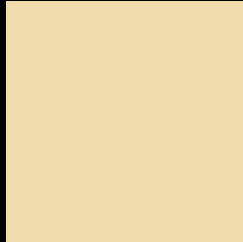
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.9511, -4.2838, 25.0314 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

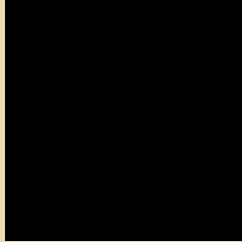
Any Text WCAG AA ✓ Pass

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 84.9511, -4.2838, 25.0314 Background



This preview shows how black text looks on a background with the HunterLab color 84.9511, -4.2838, 25.0314.



This preview shows how white text looks on a background with the HunterLab color 84.9511, -4.2838,



# 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

84.9511, -4.2838, 25.0314

### Protanopia

85.0836, -6.9495, 24.7566

### Deuteranopia

84.9136, 5.2166, 22.6363



## Tritanopia

84.8317, 10.7366, 1.1614

# Trichromacy



## Original Color

84.9511, -4.2838, 25.0314

## Protanomaly

84.9753, -5.7370, 24.6760

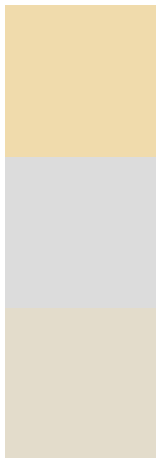
## Deuteranomaly

84.8878, 1.9235, 23.6528

## Tritanomaly

84.7822, 4.7773, 10.5944

# Monochromacy



## Original Color

84.9511, -4.2838, 25.0314

## Achromatopsia

84.5987, -4.5140, 4.5964

## Achromatomaly

84.7520, -4.9904, 12.6108

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.9511, -4.2838, 25.0314 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(240, 219, 172)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 172)  
}
```

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(240, 219, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.9511, -4.2838, 25.0314 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(240, 219, 172) }
```



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

```
.border{ border-color:rgb(240, 219, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 172);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.9511, -4.2838, 25.0314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 172) }
```

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

```
.background{ background-color: rgb(240,  
219, 172) }
```

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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