

# Converting Colors

HunterLab(74.5031, -2.4491,  
21.8815)

Have a look what the booklet for  
HunterLab(74.5031, -2.4491,  
21.8815) contains.

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# Color

**HunterLab(74.4865, -2.4780,  
21.8663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8C299
RGB	216, 194, 153
RGB Percent	85%, 76%, 60%
CMY	0.1529, 0.2392, 0.4000
CMYK	0.00, 0.10, 0.29, 0.15
HSL	39°, 45%, 72%
HSV	39°, 29%, 85%
XYZ	53.3604, 55.4824, 38.0338
YIQ	195.9040, 26.2730, -8.0870

# Conversions

## Conversions Part 2

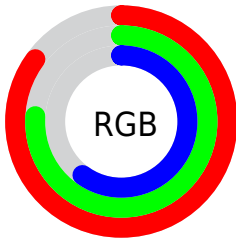
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 216, 153
Decimal	14205593
CIELab	79.32, 1.62, 23.49
CIELCh	79, 23.545, 86.062
Yxy	55.4849, 0.3633, 0.3778
Android (android.graphics.Color)	4292395673 (0xFFD8C299)
YUV	195.9040, -21.1517, 17.6242
Hunter-Lab	74.4865, -2.4780, 21.8663

# Details

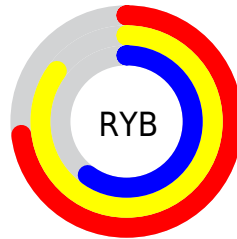
The HunterLab color  $74.4865, -2.4780, 21.8663$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $65.1068, -1.9098, -19.0766$ , and the grayscale version is  $74.3371, -3.9664, 4.0389$ .

A 20% lighter version of the original color is  $97.0491, -10.1670, 23.1664$ , and  $52.4239, -1.7822, 18.0554$  is the 20% darker color. If you saturate the color by 10%, you get  $71.8069, -1.1221, 26.3796$ , and if you desaturate by 10%, it is  $77.2704, -3.4751, 16.5900$ .

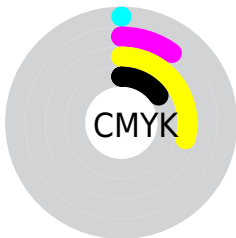
# Distribution



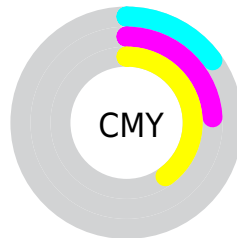
- Red (85%)
- Green (76%)
- Blue (60%)



- Red (73%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.4865, -2.4780, 21.8663 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 74.4865, -2.4780, 21.8663 by changing the saturation by 10% instead.



■ 74.4865, -2.4780,  
21.8663

■ 74.4865, -2.4780,  
21.8663

201.9276, -8.7004,  
37.6801

■ 63.0794, -1.9512,  
19.9922

■ 99.1217, -3.6476,  
25.5012

■ 52.3211, -1.4615,  
18.0615

■ 112.2903, -4.2815,  
27.2777

■ 42.2552, -1.0146,  
16.0564

125.9955, -4.9467,  
29.0355

■ 32.9332, -0.6145,  
13.9498

140.2168, -5.6420,  
30.7794

■ 24.4199, -0.2669,  
11.7011

154.9363, -6.3660,  
32.5131

■ 16.8012, 0.0206,  
9.3380

170.1376, -7.1177,

■ 10.1977, 0.2358,

34.2395

7.1384

185.8058, -7.8961,  
35.9612

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4865, -2.4780,  
21.8663

■ 74.4865, -2.4780,  
21.8663

■ 71.8069, -1.1221,  
26.3796

■ 77.2704, -3.4751,  
16.5900

■ 69.2313, 0.6120,  
30.0856

■ 80.1485, -4.1211,  
10.5926

■ 66.7661, 2.7293,  
32.9511

■ 83.1176, -4.4355,  
3.9212

■ 64.4153, 5.2302,  
34.9537

■ 86.1729, -4.4366,  
-3.3786

■ 62.1819, 8.1056,

■ 89.0899, -5.3481,

36.0908

-8.1591

■ 60.0673, 11.3326,  
36.3905

■ 91.4878, -9.2665,  
-5.0998

■ 58.0660, 14.8485,  
35.9871

■ 93.9227, -13.1480,  
-2.0779

■ 57.9028, 15.1463,  
35.9446

■ 96.3928, -16.9931,  
0.9073

■ 96.6121, -17.3301,  
1.1686

# Harmonies

## Analogous

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



74.4882, 8.5438, 19.2444



74.4865, -2.4780, 21.8663



74.4882, -13.2857, 20.3342

# Triad

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



74.4882, -2.4805, 21.8673



74.4882, -22.5087, -5.6094



74.4882, 14.9177, -8.4320

# Complementary

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



74.4865, -2.4780, 21.8663



65.1068, -1.9098, -19.0766

# 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.



74.4882, 5.8094, -17.0041



74.4865, -2.4780, 21.8663



74.4882, -15.7246, -15.2115

# Square

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



74.4882, -2.4805, 21.8673



74.4882, -24.4385, 5.4601



74.4882, -5.4648, -19.6524



74.4882, 18.9600, 2.6211



# Rectangle

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



74.4865, -2.4780, 21.8663



74.4882, -18.9871, 17.0174



74.4882, -5.4648, -19.6524



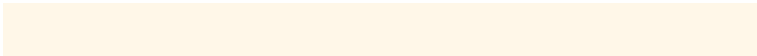
74.4882, 12.3214, -11.7596

# Sweetspot

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



74.4882, -2.4805, 21.8673



96.7486, -4.9778, 12.7205



63.6232, 21.7936, 1.7661



44.5210, -2.2620, 6.4015

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.4882, -2.4805, 21.8673



87.8802, -2.0359, 29.8572



80.3819, -16.5063, 27.0123



37.0893, -1.9032, 4.9797



44.7815, 11.1915, 27.7901



11.6702, 1.4705, 7.2169



# Inverse Universe

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



65.1068, -1.9098, -19.0766



74.2911, -1.0575, -29.7449



59.5564, 12.0013, -27.7668



35.6522, -1.8418, -1.2418



24.7581, 21.0848, -76.4615



7.2282, 2.5437, -14.5258



# Previews

## White Background



This preview shows how the HunterLab color 74.4865, -2.4780, 21.8663 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

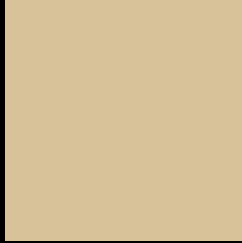
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.4865, -2.4780, 21.8663 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

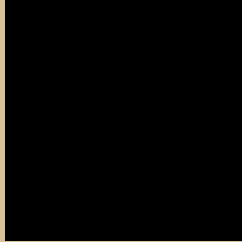
Any Text WCAG AA ✓ Pass

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 74.4865, -2.4780, 21.8663 Background



This preview shows how black text looks on a background with the HunterLab color 74.4865, -2.4780, 21.8663.



This preview shows how white text looks on a background with the HunterLab color 74.4865, -2.4780,

21.8663.

# 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

74.4865, -2.4780, 21.8663

### Protanopia

74.4099, -5.7944, 21.3898

### Deuteranopia

74.5327, 5.2722, 21.6994



## Tritanopia

74.3872, 10.3319, 1.4813

# Trichromacy



## Original Color

74.4865, -2.4780, 21.8663

## Protanomaly

74.4045, -4.2598, 21.4117

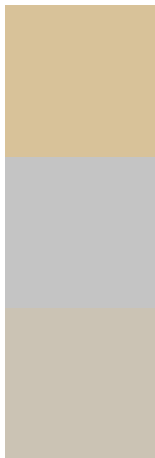
## Deuteranomaly

74.5669, 2.4007, 21.6814

## Tritanomaly

74.5005, 5.1883, 9.9087

# Monochromacy



## Original Color

74.4865, -2.4780, 21.8663

## Achromatopsia

74.2975, -3.9643, 4.0367

## Achromatomaly

74.1768, -3.7569, 11.1276

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.4865, -2.4780, 21.8663 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(216, 194, 153)` looks like.

```
.text, #text, p{  
    color:rgb(216, 194, 153)  
}
```

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(216, 194, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 194, 153) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.4865, -2.4780, 21.8663 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(216, 194, 153) }
```



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

```
.border{ border-color:rgb(216, 194, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 194, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 194, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 194, 153);  
box-shadow:4px 4px 4px 4px rgb(216, 194,  
153) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.4865, -2.4780, 21.8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 194, 153) }
```

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

```
.background{ background-color: rgb(216,  
194, 153) }
```

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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