

# Converting Colors

HunterLab(73.0751, -2.2290,  
25.2818)

Have a look what the booklet for  
HunterLab(73.0751, -2.2290,  
25.2818) contains.

<b>HunterLab(72.9999, -2.0844, 25.1070)</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(72.9999, -2.0844,  
25.1070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8BE8B
RGB	216, 190, 139
RGB Percent	85%, 75%, 55%
CMY	0.1529, 0.2549, 0.4549
CMYK	0.00, 0.12, 0.36, 0.15
HSL	40°, 50%, 70%
HSV	40°, 36%, 85%
XYZ	51.3925, 53.2899, 32.0034
YIQ	191.9600, 31.8670, -10.3490

# Conversions

## Conversions Part 2

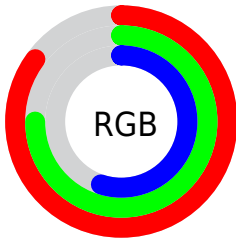
Format	Color
<b>RYB</b>	178, 216, 139
Decimal	14204555
CIELab	78.05, 1.97, 29.17
CIELCh	78, 29.239, 86.142
Yxy	53.2923, 0.3760, 0.3899
Android (android.graphics.Color)	4292394635 (0xFFD8BE8B)
YUV	191.9600, -26.1093, 21.0831
Hunter-Lab	72.9999, -2.0844, 25.1070

# Details

The HunterLab color  $72.9999, -2.0844, 25.1070$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $61.1195, -0.3697, -25.3660$ , and the grayscale version is  $72.6845, -3.8783, 3.9491$ .

A 20% lighter version of the original color is  $95.4053, -10.1325, 27.2573$ , and  $51.0583, -1.2376, 20.7192$  is the 20% darker color. If you saturate the color by 10%, you get  $70.4568, -0.6089, 29.1377$ , and if you desaturate by 10%, it is  $75.6478, -3.1927, 20.2749$ .

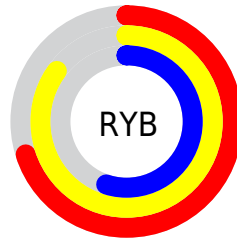
# Distribution



Red (85%)

Green (75%)

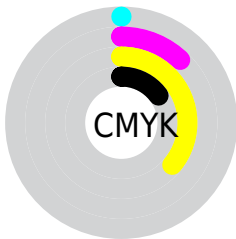
Blue (55%)



Red (70%)

Yellow (85%)

Blue (55%)

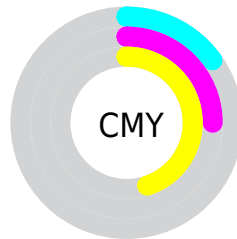


Cyan (0%)

Magenta (12%)

Yellow (36%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.9999, -2.0844, 25.1070 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 72.9999, -2.0844, 25.1070 by changing the saturation by 10% instead.



72.9999, -2.0844,  
25.1070

72.9999, -2.0844,  
25.1070

199.8513, -8.1453,  
43.2902

61.6735, -1.5800,  
22.8868

97.4856, -3.2130,  
29.3666

51.0008, -1.1140,  
20.5815

110.5844, -3.8277,  
31.4285

41.0264, -0.6924,  
18.1668

124.2224, -4.4745,  
33.4571

31.8034, -0.3200,  
15.6070

138.3791, -5.1521,  
35.4590

23.3987, -0.0028,  
12.8505

153.0361, -5.8590,  
37.4393

15.9014, 0.2504,  
10.6243

168.1770, -6.5941,

9.4387, 0.4252,

39.4024

6.6071

183.7866, -7.3565,  
41.3517

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.9999, -2.0844,  
25.1070

■ 72.9999, -2.0844,  
25.1070

■ 70.4568, -0.6089,  
29.1377

■ 75.6478, -3.1927,  
20.2749

■ 68.0176, 1.2501,  
32.3293

■ 78.3909, -3.9388,  
14.6799

■ 65.6879, 3.4926,  
34.6579

■ 81.2262, -4.3405,  
8.3672

■ 63.4705, 6.1129,  
36.1156

■ 84.1493, -4.4148,  
1.3821

■ 61.3670, 9.0933,

■ 87.1556, -4.1793,

36.7207

-6.2307

■ 59.3761, 12.3987,  
36.5348

■ 89.7369, -6.4153,  
-7.3251

■ 58.5384, 13.8975,  
36.3144

■ 92.0649, -10.1951,  
-4.3761

■ 94.4270, -13.9405,  
-1.4620

■ 96.6121, -17.3302,  
1.1686

# Harmonies

## Analogous

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



73.0016, 11.6401, 22.1323



72.9999, -2.0844, 25.1070



73.0016, -15.3355, 23.3549

# Triad

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



73.0016, -2.0870, 25.1079



73.0016, -26.4332, -8.1746



73.0016, 19.7153, -11.7047

# Complementary

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



72.9999, -2.0844, 25.1070



61.1195, -0.3697, -25.3660

# 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.



73.0016, 8.2878, -22.8167



72.9999, -2.0844, 25.1070



73.0016, -18.2383, -20.5250

# Square

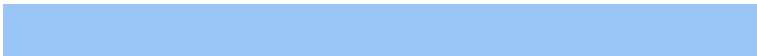
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0016, -2.0870, 25.1079



73.0016, -28.7599, 5.6684



73.0016, -5.6937, -26.3128



73.0016, 24.8102, 2.2373



# Rectangle

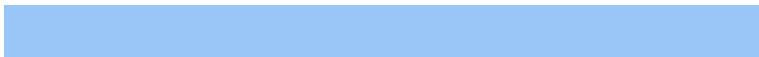
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9999, -2.0844, 25.1070



73.0016, -22.2355, 19.5227



73.0016, -5.6937, -26.3128



73.0016, 16.4473, -15.9892

# Sweetspot

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



73.0016, -2.0870, 25.1079



96.1402, -5.0238, 14.3578



59.8465, 27.7875, 1.6460



44.2630, -2.2906, 7.1190

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.0016, -2.0870, 25.1079



85.7022, -1.1745, 34.1583



79.9231, -18.7222, 30.7997



37.1226, -1.9586, 5.0152



45.2654, 10.2464, 28.0717



11.7729, 1.2823, 7.2769



# Inverse Universe

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



61.1195, -0.3697, -25.3660



68.4678, 1.6504, -39.7076



54.7358, 16.0914, -36.3614



35.6189, -1.7865, -1.2829



24.3483, 22.1484, -78.2454



7.1304, 2.7475, -14.8435



# Previews

## White Background



This preview shows how the HunterLab color 72.9999, -2.0844, 25.1070 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

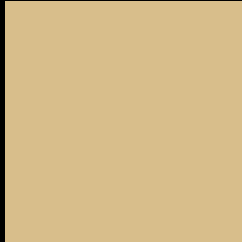
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.9999, -2.0844, 25.1070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

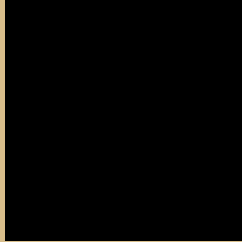
Any Text WCAG AA ✓ Pass

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 72.9999, -2.0844, 25.1070 Background



This preview shows how black text looks on a background with the HunterLab color 72.9999, -2.0844, 25.1070.



This preview shows how white text looks on a background with the HunterLab color 72.9999, -2.0844,



# 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

72.9999, -2.0844, 25.1070

### Protanopia

73.1049, -6.2980, 24.8143

### Deuteranopia

72.9722, 5.3580, 24.9000



## Tritanopia

72.8126, 12.1423, 2.0662

# Trichromacy



## Original Color

72.9999, -2.0844, 25.1070

## Protanomaly

73.1038, -4.7528, 24.8404

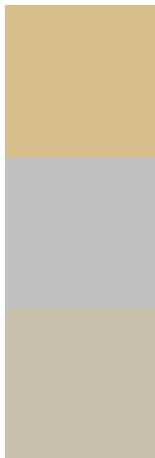
## Deuteranomaly

72.9941, 2.4644, 24.8689

## Tritanomaly

72.8342, 6.5990, 11.5594

# Monochromacy



## Original Color

72.9999, -2.0844, 25.1070

## Achromatopsia

72.6027, -3.8739, 3.9446

## Achromatomaly

72.5922, -3.4473, 12.3801

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.9999, -2.0844, 25.1070 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, 190, 139)` looks like.

```
.text, #text, p{  
    color:rgb(216, 190, 139)  
}
```

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, 190, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 190, 139) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.9999, -2.0844, 25.1070 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, 190, 139) }
```



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

```
.border{ border-color:rgb(216, 190, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 190, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 190, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 190, 139);  
box-shadow:4px 4px 4px 4px rgb(216, 190,  
139) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.9999, -2.0844, 25.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 190, 139) }
```

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

```
.background{ background-color: rgb(216,  
190, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor