

# Converting Colors

HunterLab(70.1479, 2.6727,  
29.1545)

Have a look what the booklet for  
HunterLab(70.1479, 2.6727,  
29.1545) contains.

<b>HunterLab(70.2133, 2.5894, 29.0990)</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(70.2133, 2.5894,  
29.0990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDB475
RGB	221, 180, 117
RGB Percent	87%, 71%, 46%
CMY	0.1333, 0.2941, 0.5412
CMYK	0.00, 0.19, 0.47, 0.13
HSL	36°, 60%, 66%
HSV	36°, 47%, 87%
XYZ	49.3510, 49.2991, 23.7443
YIQ	185.0770, 44.6590, -10.9010

# Conversions

## Conversions Part 2

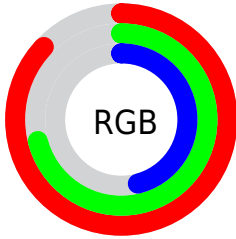
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 221, 117
Decimal	14529653
CIELab	75.64, 6.88, 37.61
CIELCh	76, 38.238, 79.630
Yxy	49.3014, 0.4032, 0.4028
Android (android.graphics.Color)	4292719733 (0xFFDDB475)
YUV	185.0770, -33.5620, 31.5045
Hunter-Lab	70.2133, 2.5894, 29.0990

# Details

The HunterLab color **70.2133, 2.5894, 29.0990** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **57.8402, -0.5715, -34.4903**, and the grayscale version is **69.8097, -3.7249, 3.7929**.

A 20% lighter version of the original color is **91.7350, -7.8066, 31.8104**, and **48.4526, 3.3014, 23.4161** is the 20% darker color. If you saturate the color by 10%, you get **67.4046, 5.1786, 32.1224**, and if you desaturate by 10%, it is **73.1525, 0.3895, 25.2540**.

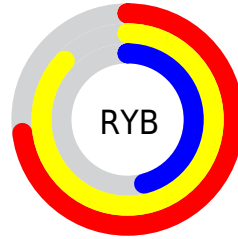
# Distribution



Red (87%)

Green (71%)

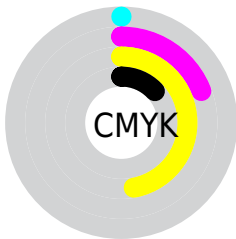
Blue (46%)



Red (73%)

Yellow (87%)

Blue (46%)

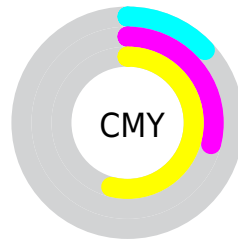


Cyan (0%)

Magenta (19%)

Yellow (47%)

Black (13%)



Cyan (13%)

Magenta (29%)


Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2133, 2.5894, 29.0990 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 70.2133, 2.5894, 29.0990 by changing the saturation by 10% instead.





 70.2133, 2.5894,  
29.0990


 70.2133, 2.5894,  
29.0990

195.9407, -1.6203,  
50.9880

 59.0412, 2.8403,  
26.3316


 94.4134, 1.9298,  
34.3431

 48.5325, 3.0378,  
23.4333

 107.3790, 1.5344,  
36.8531

 38.7339, 3.1722,  
20.3704


 120.8891, 1.0982,  
39.3058

 29.7011, 3.2346,  
17.0973

134.9226, 0.6237,  
41.7106

 21.5058, 3.2123,  
13.7837

149.4607, 0.1129,  
44.0755

 14.2441, 3.0863,  
9.9709

164.4864, -0.4324,

 7.9007, 3.3743,

46.4066

5.5305

179.9844, -1.0106,  
48.7093

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2133, 2.5894,  
29.0990

■ 70.2133, 2.5894,  
29.0990

■ 67.4046, 5.1786,  
32.1224

■ 73.1525, 0.3895,  
25.2540

■ 64.7280, 8.1695,  
34.2858

■ 76.2102, -1.4236,  
20.6306

■ 62.1912, 11.5529,  
35.5710

■ 79.3812, -2.8685,  
15.2798

■ 59.7986, 15.3071,  
35.9885


■ 82.6587, -3.9637,  
9.2530


■ 57.5512, 19.3846,


■ 86.0364, -4.7294,


35.6098


2.6007

 56.9129, 20.6134,  
35.4303

 89.5081, -5.1861,  
-4.6287

 92.4631, -8.6835,  
-3.8420

 95.2760, -13.1801,  
-0.3963

 97.0114, -15.8939,  
1.6787

# Harmonies

## Analogous

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



70.2150, 20.0932, 24.5567



70.2133, 2.5894, 29.0990



70.2150, -14.9987, 28.2909

# Triad

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



70.2150, 2.5866, 29.0998



70.2150, -33.4552, -8.1573



70.2150, 24.5997, -21.0113

# Complementary

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



70.2133, 2.5894, 29.0990



57.8402, -0.5715, -34.4903

# 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.



70.2150, 8.2542, -34.7789



70.2133, 2.5894, 29.0990



70.2150, -24.7835, -26.1592

# Square

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



70.2150, 2.5866, 29.0998



70.2150, -34.6438, 9.4919



70.2150, -9.8700, -36.8695



70.2150, 33.6246, -2.3641



# Rectangle

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



70.2133, 2.5894, 29.0990



70.2150, -24.4822, 24.7381



70.2150, -9.8700, -36.8695



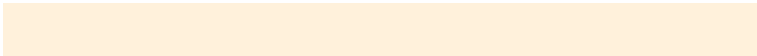
70.2150, 19.7067, -26.5434

# Sweetspot

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



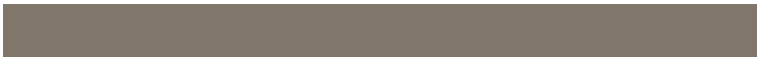
70.2150, 2.5866, 29.0998



94.4765, -3.7944, 15.9616



55.3033, 40.0837, -0.1918



43.3252, -1.6132, 8.0735

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.2150, 2.5866, 29.0998



79.4659, 5.8912, 37.5888



81.7233, -21.1007, 37.7778



37.8913, -1.7284, 4.9707



43.6384, 15.1718, 27.1554



11.8318, 2.4206, 7.3331



# Inverse Universe

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



57.8402, -0.5715, -34.4903



62.3410, 2.1436, -51.5258



47.4199, 23.2610, -55.9027



36.6811, -2.1099, -1.1174



26.8504, 17.2973, -70.9007



7.9505, 2.0045, -14.2646



# Previews

## White Background



This preview shows how the HunterLab color 70.2133, 2.5894, 29.0990 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 70.2133, 2.5894, 29.0990 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

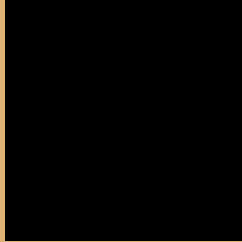
Any Text WCAG AA ✓ Pass

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 70.2133, 2.5894, 29.0990 Background



This preview shows how black text looks on a background with the HunterLab color 70.2133, 2.5894, 29.0990.



This preview shows how white text looks on a background with the HunterLab color 70.2133, 2.5894,

29.0990.

# 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

70.2133, 2.5894, 29.0990

### Protanopia

70.4225, -7.1776, 28.3080

### Deuteranopia

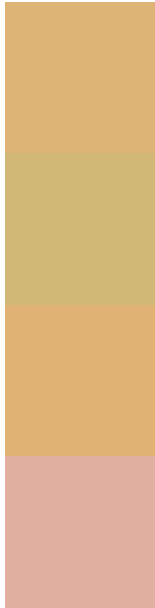
70.0947, 5.1270, 29.0464



## Tritanopia

70.2415, 17.3229, 4.8430

# Trichromacy



## Original Color

70.2133, 2.5894, 29.0990

## Protanomaly

70.2243, -3.3018, 28.4788

## Deuteranomaly

70.2651, 4.2365, 29.1703

## Tritanomaly

70.1467, 11.4147, 15.3135

# Monochromacy



## Original Color

70.2133, 2.5894, 29.0990

## Achromatopsia

69.6527, -3.7165, 3.7844

## Achromatomaly

69.5779, -2.2941, 14.4932

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.2133, 2.5894, 29.0990 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(221, 180, 117)` looks like.

```
.text, #text, p{  
    color:rgb(221, 180, 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(221, 180, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 180, 117) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.2133, 2.5894, 29.0990 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(221, 180, 117) }
```



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

```
.border{ border-color:rgb(221, 180, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 180, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 180, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 180, 117);  
box-shadow:4px 4px 4px 4px rgb(221, 180,  
117) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.2133, 2.5894, 29.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 180, 117) }
```

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

```
.background{ background-color: rgb(221,  
180, 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](#).

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