

# Converting Colors

HunterLab(73.9880, -3.1636,  
28.2230)

Have a look what the booklet for  
HunterLab(73.9880, -3.1636,  
28.2230) contains.

<b>HunterLab(74.0532, -3.3344, 28.3809)</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(74.0532, -3.3344,  
28.3809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBC183
RGB	219, 193, 131
RGB Percent	86%, 76%, 51%
CMY	0.1412, 0.2431, 0.4863
CMYK	0.00, 0.12, 0.40, 0.14
HSL	42°, 55%, 69%
HSV	42°, 40%, 86%
XYZ	52.3802, 54.8388, 29.2970
YIQ	193.7060, 35.3980, -13.7700

# Conversions

## Conversions Part 2

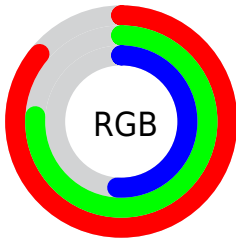
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 219, 131
Decimal	14401923
CIE <sub>Lab</sub>	78.95, 0.67, 34.59
CIE <sub>LCh</sub>	79, 34.594, 88.890
Yxy	54.8413, 0.3837, 0.4017
Android (android.graphics.Color)	4292592003 (0xFFDBC183)
YUV	193.7060, -30.9141, 22.1828
Hunter-Lab	74.0532, -3.3344, 28.3809

# Details

The HunterLab color  $74.0532, -3.3344, 28.3809$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $58.3546, 2.5022, -32.0904$ , and the grayscale version is  $73.4423, -3.9187, 3.9903$ .

A 20% lighter version of the original color is  $96.1843, -12.6706, 30.7534$ , and  $52.0930, -2.1832, 23.2011$  is the 20% darker color. If you saturate the color by 10%, you get  $71.7710, -2.1123, 32.2121$ , and if you desaturate by 10%, it is  $76.4346, -4.1779, 23.6813$ .

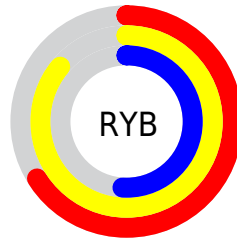
# Distribution



Red (86%)

Green (76%)

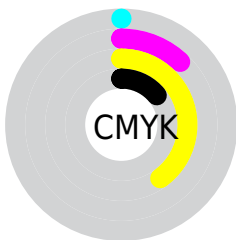
Blue (51%)



Red (66%)

Yellow (86%)

Blue (51%)

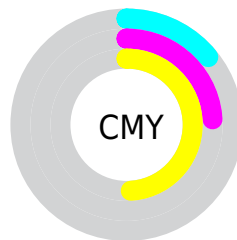


Cyan (0%)

Magenta (12%)

Yellow (40%)

Black (14%)



Cyan (14%)

Magenta (24%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.0532, -3.3344, 28.3809 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 74.0532, -3.3344, 28.3809 by changing the saturation by 10% instead.



■ 74.0532, -3.3344,  
28.3809

■ 74.0532, -3.3344,  
28.3809

201.3232, -9.8906,  
48.8286

■ 62.6695, -2.7623,  
25.8375

■ 98.6450, -4.5886,  
33.2304

■ 51.9360, -2.2244,  
23.1862

■ 111.7934, -5.2620,  
35.5640

■ 41.8967, -1.7260,  
20.3986

■ 125.4791, -5.9652,  
37.8513

■ 32.6033, -1.2705,  
17.4351

139.6816, -6.6970,  
40.1005

■ 24.1215, -0.8622,  
14.2415

154.3830, -7.4564,  
42.3179

■ 16.5379, -0.5071,  
11.5765

169.5667, -8.2424,

■ 9.9750, -0.2144,

44.5089

6.9825

185.2180, -9.0540,  
46.6779

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.0532, -3.3344,  
28.3809

■ 74.0532, -3.3344,  
28.3809

■ 71.7710, -2.1123,  
32.2121

■ 76.4346, -4.1779,  
23.6813

■ 69.5854, -0.5001,  
35.1498

■ 78.9070, -4.6433,  
18.1429

■ 67.4999, 1.4965,  
37.1862

■ 81.4687, -4.7454,  
11.8048

■ 65.5151, 3.8652,  
38.3342

■ 84.1162, -4.4985,  
4.7085


■ 63.6295, 6.5804,


■ 86.8458, -3.9184,


38.6394


-3.1028

 61.8653, 9.5135,  
38.2877

 89.3826, -4.5059,  
-7.7578

 91.4320, -7.8803,  
-5.1473

 93.5089, -11.2277,  
-2.5635

 95.6123, -14.5483,  
-0.0059

# Harmonies

## Analogous

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



74.0549, 13.2357, 25.5681



74.0532, -3.3344, 28.3809



74.0549, -18.7278, 25.9601

# Triad

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



74.0549, -3.3371, 28.3817



74.0549, -29.8370, -12.1572



74.0549, 25.3443, -13.4005

# Complementary

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



74.0532, -3.3344, 28.3809



58.3546, 2.5022, -32.0904

# 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.



74.0549, 12.0743, -27.7174



74.0532, -3.3344, 28.3809



74.0549, -19.7086, -26.8956

# Square

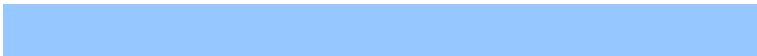
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0549, -3.3371, 28.3817



74.0549, -33.1933, 4.6158



74.0549, -4.5716, -33.1241



74.0549, 30.6667, 3.4414



# Rectangle

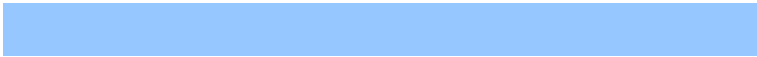
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0532, -3.3344, 28.3809



74.0549, -26.4640, 21.3180



74.0549, -4.5716, -33.1241



74.0549, 21.6109, -18.7936

# Sweetspot

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



74.0549, -3.3371, 28.3817



96.2036, -5.6476, 15.5439



58.0872, 31.8680, 3.6085



44.3211, -2.6117, 7.6640

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.0549, -3.3371, 28.3817



85.7461, -2.8009, 37.5436



80.4828, -21.9151, 33.3904



38.1843, -2.2158, 5.2835



47.8465, 6.9379, 29.6042



12.7673, 0.6976, 7.8793



# Inverse Universe

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



58.3546, 2.5022, -32.0904



63.6077, 5.9953, -48.8860



52.6306, 20.5799, -42.7067



36.3881, -1.6223, -1.4801



23.2803, 26.5424, -86.3957



7.0626, 3.8749, -17.1925



# Previews

## White Background



This preview shows how the HunterLab color 74.0532, -3.3344, 28.3809 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 74.0532, -3.3344, 28.3809 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 74.0532, -3.3344, 28.3809 Background



This preview shows how black text looks on a background with the HunterLab color 74.0532, -3.3344, 28.3809.



This preview shows how white text looks on a background with the HunterLab color 74.0532, -3.3344,



# 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

74.0532, -3.3344, 28.3809

### Protanopia

73.9549, -6.7327, 27.9517

### Deuteranopia

73.9588, 5.4072, 28.1676



## Tritanopia

73.8737, 12.8308, 2.3793

# Trichromacy



## Original Color

74.0532, -3.3344, 28.3809

## Protanomaly

73.9571, -5.1726, 27.9810

## Deuteranomaly

73.9724, 2.4838, 28.1280

## Tritanomaly

73.6781, 6.3512, 13.2869

# Monochromacy



## Original Color

74.0532, -3.3344, 28.3809

## Achromatopsia

73.4493, -3.9191, 3.9906

## Achromatomaly

73.6345, -4.5723, 14.2706

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.0532, -3.3344, 28.3809 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(219, 193, 131)` looks like.

```
.text, #text, p{  
    color:rgb(219, 193, 131)  
}
```

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(219, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 193, 131) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.0532, -3.3344, 28.3809 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(219, 193, 131) }
```



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

```
.border{ border-color:rgb(219, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 193, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 193, 131); box-shadow:4px 4px 4px 4px rgb(219, 193, 131) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.0532, -3.3344, 28.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 193, 131) }
```

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

```
.background{ background-color: rgb(219,  
193, 131) }
```

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