

# Converting Colors

HunterLab(74.7077, -20.1437,  
29.1992)

Have a look what the booklet for  
HunterLab(74.7077, -20.1437,  
29.1992) contains.

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# **Color**

**HunterLab(74.7077,  
-20.1437, 29.1992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBCD81
RGB	187, 205, 129
RGB Percent	73%, 80%, 51%
CMY	0.2667, 0.1961, 0.4941
CMYK	0.09, 0.00, 0.37, 0.20
HSL	74°, 43%, 65%
HSV	74°, 37%, 80%
XYZ	46.2873, 55.8124, 29.1021
YIQ	190.9540, 13.6680, -27.4520

# Conversions

## Conversions Part 2

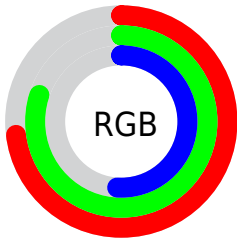
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	129, 205, 147
Decimal	12307841
CIE <sub>Lab</sub>	79.51, -18.29, 35.84
CIE <sub>LCh</sub>	80, 40.235, 117.039
Yxy	55.8149, 0.3528, 0.4254
Android (android.graphics.Color)	4290497921 (0xFFBBCD81)
YUV	190.9540, -30.5433, -3.4677
Hunter-Lab	74.7077, -20.1437, 29.1992

# Details

The HunterLab color  $74.7077, -20.1437, 29.1992$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $51.2960, 17.7735, -34.8428$ , and the grayscale version is  $72.2828, -3.8568, 3.9273$ .

A 20% lighter version of the original color is  $97.0423, -19.7001, 32.0808$ , and  $52.6021, -17.0099, 23.9913$  is the 20% darker color. If you saturate the color by 10%, you get  $73.9737, -23.5430, 33.6864$ , and if you desaturate by 10%, it is  $75.5240, -16.3574, 23.7638$ .

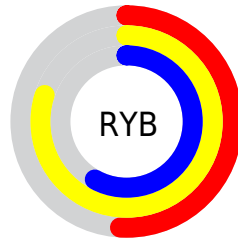
# Distribution



Red (73%)

Green (80%)

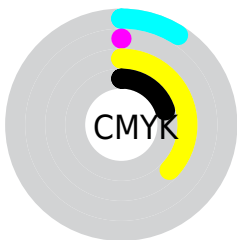
Blue (51%)



Red (51%)

Yellow (80%)

Blue (58%)

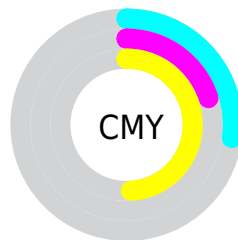


Cyan (9%)

Magenta (0%)

Yellow (37%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.7077, -20.1437, 29.1992 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 74.7077, -20.1437, 29.1992 by changing the saturation by 10% instead.



■ 74.7077, -20.1437,  
29.1992

■ 74.7077, -20.1437,  
29.1992

202.2359,  
-33.8132, 50.1603

■ 63.2886, -18.5862,  
26.5843

■ 99.3649, -23.2129,  
34.1805

■ 52.5177, -16.9988,  
23.8573

■ 112.5439,  
-24.7311, 36.5754

■ 42.4383, -15.3720,  
20.9893

■ 126.2589,  
-26.2443, 38.9215

■ 33.1017, -13.6884,  
17.9406

140.4898,  
-27.7551, 41.2268

■ 24.5725, -11.9210,  
14.6574

155.2185,  
-29.2657, 43.4983

■ 16.9359, -10.0240,  
11.8551

170.4288,

■ 10.3119, -8.4562,

-30.7780, 45.7415

7.2183

186.1057,  
-32.2935, 47.9609

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.7077, -20.1437,  
29.1992

■ 74.7077, -20.1437,  
29.1992

■ 73.9737, -23.5430,  
33.6864

■ 75.5240, -16.3574,  
23.7638

■ 73.3147, -26.5519,  
37.2448

■ 76.4193, -12.1801,  
17.3690

■ 72.7295, -29.1814,  
39.9113

■ 77.3960, -7.6203,  
10.0174

■ 72.2139, -31.4474,  
41.7393


■ 78.4546, -2.6879,  
1.7205


■ 71.7626, -33.3748,


■ 79.5951, 2.6041,


42.8036


-7.5021


 71.3675, -35.0055,  
43.2204

 80.8169, 8.2405,  
-17.6241

 71.2580, -35.4534,  
43.2881

 81.3981, 10.4002,  
-18.5727

 81.8718, 11.9577,  
-17.8548

 82.3562, 13.5418,  
-17.1255

# Harmonies

## Analogous

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



74.7094, -2.0610, 31.4585



74.7077, -20.1437, 29.1992



74.7094, -32.6857, 20.8576

# Triad

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



74.7094, -20.1457, 29.1999



74.7094, -23.1541, -32.0934



74.7094, 36.8651, 2.2174

# Complementary

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



74.7077, -20.1437, 29.1992



51.2960, 17.7735, -34.8428

# 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.



74.7094, 29.8193, -17.8383



74.7077, -20.1437, 29.1992



74.7094, -5.9003, -40.5557

# Square

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



74.7094, -20.1457, 29.1999



74.7094, -34.2945, -13.8564



74.7094, 13.6665, -34.7729



74.7094, 32.0772, 18.4193



# Rectangle

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



74.7077, -20.1437, 29.1992



74.7094, -36.8679, 11.5693



74.7094, 13.6665, -34.7729



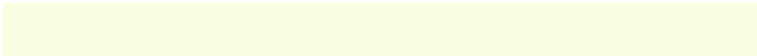
74.7094, 35.7865, -4.3051

# Sweetspot

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



74.7094, -20.1457, 29.1999



98.5316, -12.1838, 16.7932



59.4561, 14.6398, 16.1813



45.5056, -6.0083, 8.3689

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

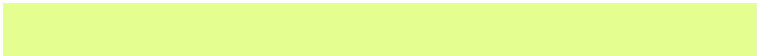


# Same Dimension

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



74.7094, -20.1457, 29.1999



94.8999, -29.0845, 41.7818



71.8784, -30.8265, 26.6193



35.9967, -4.0639, 5.5080



56.2621, -27.8142, 34.1815



12.9083, -5.8132, 7.8523



# Inverse Universe

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



51.2960, 17.7735, -34.8428



59.3986, 29.1377, -57.3234



55.1278, 29.2063, -27.6409



33.1212, 0.4926, -2.0844



17.8341, 45.9272, -107.7446



4.4725, 10.8243, -21.6448



# Previews

## White Background



This preview shows how the HunterLab color 74.7077, -20.1437, 29.1992 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 74.7077, -20.1437, 29.1992 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

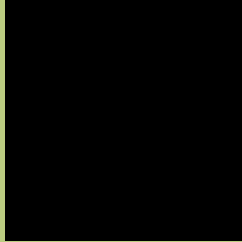
Any Text WCAG AA ✓ Pass

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 74.7077, -20.1437, 29.1992 Background



This preview shows how black text looks on a background with the HunterLab color 74.7077, -20.1437, 29.1992.



This preview shows how white text looks on a background with the HunterLab color 74.7077,

-20.1437, 29.1992.

# 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

74.7077, -20.1437, 29.1992

### Protanopia

74.6559, -7.5996, 30.1936

### Deuteranopia

74.3788, 5.3769, 28.2373



## Tritanopia

74.6586, -0.2021, -2.9410

# Trichromacy



## Original Color

74.7077, -20.1437, 29.1992

## Protanomaly

74.6178, -12.4385, 29.8073

## Deuteranomaly

74.2664, -4.0941, 28.2633

## Tritanomaly

74.6005, -8.4921, 11.0758

# Monochromacy



## Original Color

74.7077, -20.1437, 29.1992

## Achromatopsia

72.1800, -3.8513, 3.9217

## Achromatomaly

72.9754, -10.1925, 14.6903

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.7077, -20.1437, 29.1992 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(187, 205, 129)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 129)  
}
```

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(187, 205, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 129) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.7077, -20.1437, 29.1992 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".

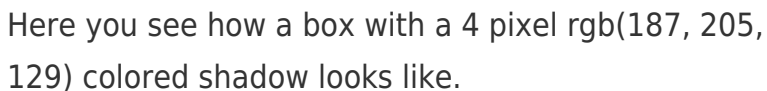
```
.border, #border, table{ border:4px solid rgb(187, 205, 129) }
```



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

```
.border{ border-color:rgb(187, 205, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 205, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 205, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 205, 129);  
box-shadow:4px 4px 4px 4px rgb(187, 205,  
129) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.7077, -20.1437, 29.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 129) }
```

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

```
.background{ background-color: rgb(187,  
205, 129) }
```

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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