

# Converting Colors

HunterLab(74.8874, -31.5559,  
2.0796)

Have a look what the booklet for  
HunterLab(74.8874, -31.5559,  
2.0796) contains.

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# Color

**HunterLab(74.8486,  
-31.3199, 1.8012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74D6C9
RGB	116, 214, 201
RGB Percent	45%, 84%, 79%
CMY	0.5451, 0.1608, 0.2118
CMYK	0.46, 0.00, 0.06, 0.16
HSL	172°, 54%, 65%
HSV	172°, 46%, 84%
XYZ	41.7916, 56.0231, 63.8691
YIQ	183.2160, -54.2350, -24.8190

# Conversions

## Conversions Part 2

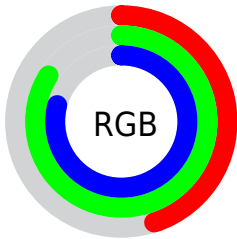
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 168, 214
Decimal	7657161
CIELab	79.63, -31.98, -2.54
CIELCh	80, 32.080, 184.550
Yxy	56.0253, 0.2585, 0.3465
Android (android.graphics.Color)	4285847241 (0xFF74D6C9)
YUV	183.2160, 8.7675, -58.9484
Hunter-Lab	74.8486, -31.3199, 1.8012

# Details

The HunterLab color  $74.8486, -31.3199, 1.8012$  is a light color, and the websafe version is hex  $66CCCC$ . A complement of this color would be  $53.2667, 33.9267, 10.2970$ , and the grayscale version is  $68.8863, -3.6756, 3.7427$ .

A 20% lighter version of the original color is  $93.6078, -28.3412, -2.7388$ , and  $52.6998, -26.6776, 0.9507$  is the 20% darker color. If you saturate the color by 10%, you get  $73.8860, -35.2321, 1.9608$ , and if you desaturate by 10%, it is  $76.0260, -26.6622, 1.9070$ .

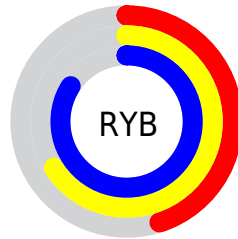
# Distribution



Red (45%)

Green (84%)

Blue (79%)



Red (45%)

Yellow (66%)

Blue (84%)

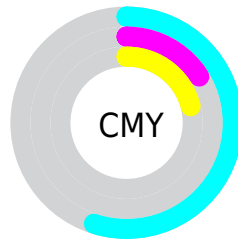


Cyan (46%)

Magenta (0%)

Yellow (6%)

Black (16%)



Cyan (55%)

Magenta (16%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.8486, -31.3199, 1.8012 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 74.8486, -31.3199, 1.8012 by changing the saturation by 10% instead.





 74.8486, -31.3199,  
1.8012


 74.8486, -31.3199,  
1.8012


202.4320,  
-50.3678, 7.8768

 63.4218, -29.0026,  
1.2983


 99.5197, -35.7754,  
2.9253

 52.6428, -26.6022,  
0.8367


 112.7052,  
-37.9354, 3.5402

 42.5549, -24.0945,  
0.4209


 126.4265,  
-40.0616, 4.1881

 33.2090, -21.4437,  
0.0555

140.6635,  
-42.1603, 4.8676

 24.6697, -18.5942,  
-0.2532

155.3981,  
-44.2365, 5.5773

 17.0218, -15.4540,  
-0.4965

170.6140,

 10.3846, -14.1775,

-46.2943, 6.3161

-0.6610

186.2964,  
-48.3371, 7.0830

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 74.8486, -31.3199,  
1.8012

■ 74.8486, -31.3199,  
1.8012

■ 73.8860, -35.2321,  
1.9608

■ 76.0260, -26.6622,  
1.9070

■ 73.1260, -38.3924,  
2.3715

■ 77.4179, -21.2811,  
2.2800

■ 72.5583, -40.8206,  
3.0157

■ 79.0266, -15.2169,  
2.9196

■ 72.1660, -42.5633,  
3.8671


■ 80.8505, -8.5210,  
3.8193

■ 71.9254, -43.7016,


■ 82.8856, -1.2522,


4.8906


4.9683

 71.8496, -44.0783,  
5.3466

 85.1262, 6.5269,  
6.3525

 86.3533, 10.7808,  
6.4905

 86.4415, 11.2485,  
5.2301

 86.5312, 11.7230,  
3.9510

# Harmonies

## Analogous

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



74.8501, -28.9331, 15.2096



74.8486, -31.3199, 1.8012



74.8501, -26.8866, -13.7515

# Triad

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



74.8501, -31.3206, 1.8022



74.8501, 13.5704, -23.0781



74.8501, 9.1744, 25.3300

# Complementary

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



74.8486, -31.3199, 1.8012



53.2667, 33.9267, 10.2970

# 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.



74.8501, 22.0217, 18.3699



74.8486, -31.3199, 1.8012



74.8501, 24.7004, -9.0879

# Square

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



74.8501, -31.3206, 1.8022



74.8501, -1.6313, -29.8479



74.8501, 27.9111, 6.2773



74.8501, -6.3353, 27.0898



# Rectangle

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



74.8486, -31.3199, 1.8012



74.8501, -20.4301, -22.7364



74.8501, 27.9111, 6.2773



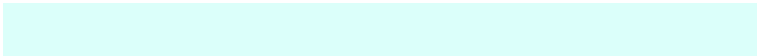
74.8501, 13.9870, 23.6014

# Sweetspot

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



74.8501, -31.3206, 1.8022



96.7188, -17.2572, 3.7202



73.5042, -40.5676, 31.2541



44.5340, -8.7739, 1.6245

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.8501, -31.3206, 1.8022



90.1259, -42.8582, 2.3826



63.5903, -12.2638, -20.3491



37.5209, -5.1578, 1.6211



55.8687, -34.2079, 4.0141



13.7502, -8.2244, 0.5676



# Inverse Universe

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



53.2667, 33.9267, 10.2970



59.3025, 51.5381, 15.1288



61.6390, 14.0580, 22.3335



35.2808, 1.4489, 2.4250



29.4985, 50.7223, 17.4704

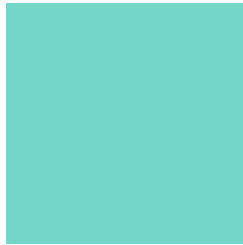


7.3061, 12.6845, 3.3838



# Previews

## White Background



This preview shows how the HunterLab color 74.8486, -31.3199, 1.8012 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

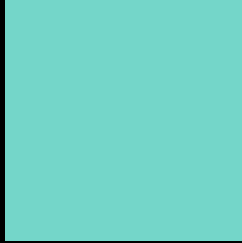
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.8486, -31.3199, 1.8012 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

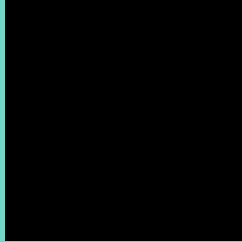
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

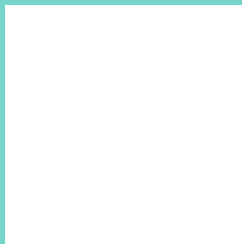
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 74.8486, -31.3199, 1.8012 Background



This preview shows how black text looks on a background with the HunterLab color 74.8486, -31.3199, 1.8012.



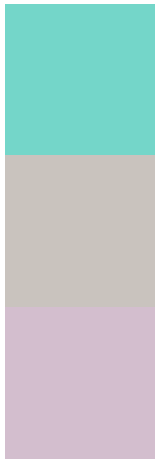
This preview shows how white text looks on a background with the HunterLab color 74.8486, -31.3199, 1.8012.

-31.3199, 1.8012.

# 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

74.8486, -31.3199, 1.8012

### Protanopia

74.2734, -2.8527, 6.8293

### Deuteranopia

74.2509, 5.6903, -0.7742



## Tritanopia

74.7826, -22.9237, -11.9382

# Trichromacy



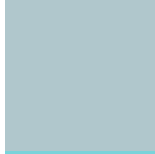
## Original Color

74.8486, -31.3199, 1.8012



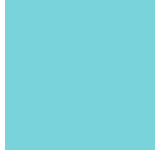
## Protanomaly

73.9474, -14.9039, 4.3828



## Deuteranomaly

73.7812, -10.0213, -0.6185



## Tritanomaly

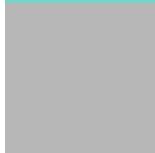
74.6428, -25.7999, -7.1439

# Monochromacy



## Original Color

74.8486, -31.3199, 1.8012



## Achromatopsia

68.8136, -3.6717, 3.7388



## Achromatomaly

70.4785, -14.7253, 2.1891

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.8486, -31.3199, 1.8012 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(116, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(116, 214, 201)  
}
```

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(116, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 214, 201) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.8486, -31.3199, 1.8012 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(116, 214, 201) }
```



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

```
.border{ border-color:rgb(116, 214, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 214, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(116, 214,  
201) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.8486, -31.3199, 1.8012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 214, 201) }
```

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

```
.background{ background-color: rgb(116,  
214, 201) }
```

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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