

# Converting Colors

HunterLab(76.0687, -31.1999,  
38.4351)

Have a look what the booklet for  
HunterLab(76.0687, -31.1999,  
38.4351) contains.

|  |    |
|--|----|
| <b>HunterLab(76.0687, -31.1999, 38.4351)</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(76.0687,  
-31.1999, 38.4351)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | AED65C                      |
| RGB         | 174, 214, 92                |
| RGB Percent | 68%, 84%, 36%               |
| CMY         | 0.3176, 0.1608, 0.6392      |
| CMYK        | 0.19, 0.00, 0.57, 0.16      |
| HSL         | 80°, 60%, 60%               |
| HSV         | 80°, 57%, 84%               |
| XYZ         | 43.4339, 57.8645, 19.0050   |
| YIQ         | 188.1320, 15.3220, -46.4220 |

# Conversions

## Conversions Part 2

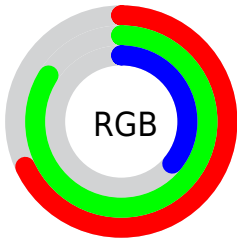
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 92, 214, 132                    |
| Decimal                             | 11458140                        |
| CIE Lab                             | 80.66, -31.53, 54.89            |
| CIE LCh                             | 81, 63.301, 119.875             |
| Yxy                                 | 57.8670, 0.3610,<br>0.4810      |
| Android<br>(android.graphics.Color) | 4289648220<br>(0xFFAED65C)      |
| YUV                                 | 188.1320, -47.3931,<br>-12.3938 |
| Hunter-Lab                          | 76.0687, -31.1999,<br>38.4351   |

# Details

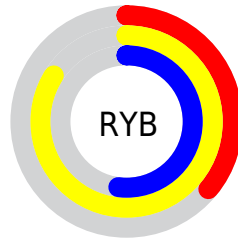
The HunterLab color  $76.0687, -31.1999, 38.4351$  is a light color, and the websafe version is hex  $99CC66$ . The color can be described as light muted chartreuse. A complement of this color would be  $41.7330, 35.9619, -64.0419$ , and the grayscale version is  $71.1602, -3.7969, 3.8663$ .

A 20% lighter version of the original color is  $95.2634, -27.6279, 41.2921$ , and  $53.7139, -26.4067, 30.7040$  is the 20% darker color. If you saturate the color by 10%, you get  $75.3386, -34.4522, 41.1812$ , and if you desaturate by 10%, it is  $76.8914, -27.5144, 34.7597$ .

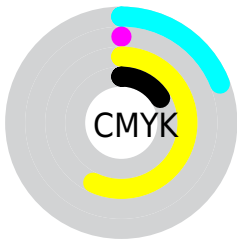
# Distribution



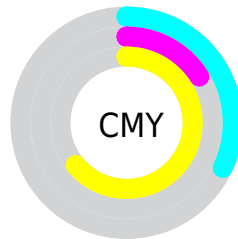
- Red (68%)
- Green (84%)
- Blue (36%)



- Red (36%)
- Yellow (84%)
- Blue (52%)



- Cyan (19%)
- Magenta (0%)
- Yellow (57%)
- Black (16%)




- Cyan (32%)
- Magenta (16%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0687, -31.1999, 38.4351 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 76.0687, -31.1999, 38.4351 by changing the saturation by 10% instead.




 76.0687, -31.1999,  
38.4351


 76.0687, -31.1999,  
38.4351


204.1299,  
-50.0444, 67.6909


 64.5769, -28.9166,  
34.6473


 100.8609,  
-35.5999, 45.5716


 53.7288, -26.5528,  
30.6753


 114.1030,  
-37.7348, 48.9624

 43.5670, -24.0871,  
26.4861


 127.8787,  
-39.8376, 52.2575

 34.1416, -21.4855,  
22.0448

 142.1680,  
-41.9143, 55.4701

 25.5151, -18.6961,  
17.8606

156.9532,  
-43.9697, 58.6113

 17.7700, -15.6335,  
12.4390

172.2181,

 11.0210, -13.5783,

-46.0077, 61.6901

7.7147

187.9482,  
-48.0317, 64.7145

■ 2.7129, -4.7476,  
1.8990

0.0000, NaN, NaN

■ 76.0687, -31.1999,  
38.4351

■ 76.0687, -31.1999,  
38.4351

■ 75.3386, -34.4522,  
41.1812

■ 76.8914, -27.5144,  
34.7597

■ 74.6921, -37.2774,  
43.0479


■ 77.8043, -23.3859,  
30.1210


■ 74.1254, -39.7004,  
44.1119


■ 78.8111, -18.8191,  
24.5032

■ 73.6303, -41.7622,  
44.4915

■ 79.9127, -13.8225,  
17.9038


 73.4913, -42.3369,  
44.5438

 81.1094, -8.4092,  
10.3320

 82.4010, -2.5957,  
1.8069

 83.7867, 3.5985,  
-7.6446

 84.9480, 8.4658,  
-13.5393

 85.6429, 10.7675,  
-12.5351

# Harmonies

## Analogous

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



76.0704, -3.9348, 41.5348



76.0687, -31.1999, 38.4351



76.0704, -48.5479, 27.2112

# Triad

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



76.0704, -31.2019, 38.4357



76.0704, -31.3914, -61.8986



76.0704, 64.1487, 4.0187

# Complementary

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



76.0687, -31.1999, 38.4351



41.7330, 35.9619, -64.0419

# 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.



76.0704, 53.7932, -29.6365



76.0687, -31.1999, 38.4351



76.0704, -4.1911, -75.7592

# Square

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



76.0704, -31.2019, 38.4357



76.0704, -48.6446, -29.3376



76.0704, 27.5106, -62.1138



76.0704, 53.9573, 27.0726



# Rectangle

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



76.0687, -31.1999, 38.4351



76.0704, -53.7409, 13.3353



76.0704, 27.5106, -62.1138



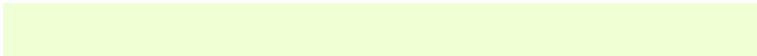
76.0704, 62.9359, -6.3674

# Sweetspot

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



76.0704, -31.2019, 38.4357



97.4263, -16.9580, 21.9717



55.8614, 22.8135, 24.0734



44.9436, -8.4360, 10.9634

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0704, -31.2019, 38.4357



91.7322, -42.6234, 50.6707



72.4367, -45.5250, 35.5499



37.8239, -4.5647, 5.7323



57.1859, -32.7091, 34.6651



14.2003, -7.4136, 8.6204



# Inverse Universe

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



41.7330, 35.9619, -64.0419



43.1705, 55.0877, -102.3675



48.6513, 52.8588, -46.6299



34.9349, 0.8031, -2.1134



19.4319, 48.3790, -104.5066



5.2162, 12.3260, -22.9325



# Previews

## White Background



This preview shows how the HunterLab color 76.0687, -31.1999, 38.4351 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

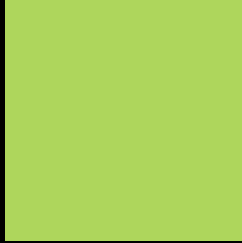
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.0687, -31.1999, 38.4351 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 76.0687, -31.1999, 38.4351 Background



This preview shows how black text looks on a background with the HunterLab color 76.0687, -31.1999, 38.4351.



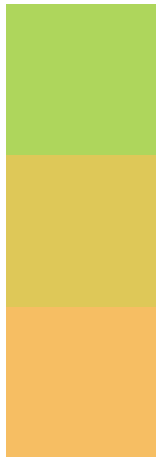
This preview shows how white text looks on a background with the HunterLab color 76.0687, -31.1999, 38.4351.

-31.1999, 38.4351.

# 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

76.0687, -31.1999, 38.4351

### Protanopia

75.8569, -9.1172, 39.3669

### Deuteranopia

75.7104, 5.8351, 37.5103



## Tritanopia

75.8959, -4.8805, -4.6012

# Trichromacy



## Original Color

76.0687, -31.1999, 38.4351

## Protanomaly

75.7384, -17.5038, 38.9646

## Deuteranomaly

75.4367, -8.8526, 37.6311

## Tritanomaly

75.7044, -16.2760, 15.7965

# Monochromacy



## Original Color

76.0687, -31.1999, 38.4351

## Achromatopsia

70.9145, -3.7838, 3.8529

## Achromatomaly

72.3185, -14.8829, 19.5941

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0687, -31.1999, 38.4351 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(174, 214, 92)` looks like.

```
.text, #text, p{  
    color:rgb(174, 214, 92)  
}
```

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(174, 214, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 214, 92) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0687, -31.1999, 38.4351 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(174, 214, 92) }
```



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

```
.border{ border-color:rgb(174, 214, 92) }
```

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

Here you see how a box with a 4 pixel rgb(174, 214, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 214, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 214, 92);  
box-shadow:4px 4px 4px 4px rgb(174, 214,  
92) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0687, -31.1999, 38.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 214, 92) }
```

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

```
.background{ background-color: rgb(174,  
214, 92) }
```

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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