

# Converting Colors

HunterLab(67.8887, -31.3412,  
13.5625)

Have a look what the booklet for  
HunterLab(67.8887, -31.3412,  
13.5625) contains.

<b>HunterLab(67.8821, -31.3490, 13.4190)</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(67.8821,  
-31.3490, 13.4190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74C59D
RGB	116, 197, 157
RGB Percent	45%, 77%, 62%
CMY	0.5451, 0.2274, 0.3843
CMYK	0.41, 0.00, 0.20, 0.23
HSL	150°, 41%, 61%
HSV	150°, 41%, 77%
XYZ	33.2545, 46.0798, 39.0399
YIQ	168.2210, -35.4360, -29.6120

# Conversions

## Conversions Part 2

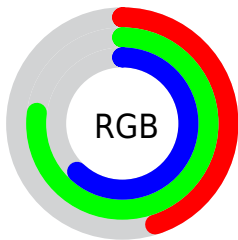
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 170, 197
Decimal	7652765
CIELab	73.60, -33.87, 12.39
CIELCh	74, 36.070, 159.902
Yxy	46.0817, 0.2809, 0.3893
Android (android.graphics.Color)	4285842845 (0xFF74C59D)
YUV	168.2210, -5.5320, -45.7978
Hunter-Lab	67.8821, -31.3490, 13.4190

# Details

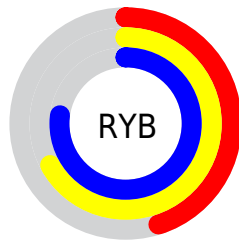
The HunterLab color  $67.8821, -31.3490, 13.4190$  is a light color, and the websafe version is hex  $66CC99$ . A complement of this color would be  $51.7325, 31.1778, -3.6262$ , and the grayscale version is  $62.7007, -3.3456, 3.4067$ .

A 20% lighter version of the original color is  $91.8123, -36.0104, 15.7203$ , and  $46.5936, -26.3320, 10.8985$  is the 20% darker color. If you saturate the color by 10%, you get  $66.7477, -36.2850, 15.8749$ , and if you desaturate by 10%, it is  $69.2269, -25.6858, 11.0078$ .

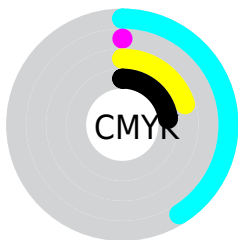
# Distribution



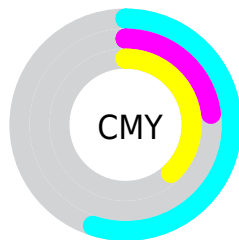
- Red (45%)
- Green (77%)
- Blue (62%)



- Red (45%)
- Yellow (67%)
- Blue (77%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (23%)



- Cyan (55%)
- Magenta (23%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.8821, -31.3490, 13.4190 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 67.8821, -31.3490, 13.4190 by changing the saturation by 10% instead.



■ 67.8821, -31.3490,  
13.4190

■ 67.8821, -31.3490,  
13.4190

192.6491,  
-51.3446, 24.8310

■ 56.8421, -28.8721,  
12.1655

■ 91.8375, -36.0758,  
15.9169

■ 46.4743, -26.2889,  
10.8993

■ 104.6891,  
-38.3535, 17.1677

■ 36.8270, -23.5670,  
9.6117

■ 118.0900,  
-40.5885, 18.4236

■ 27.9586, -20.6566,  
8.2875

132.0183,  
-42.7883, 19.6864

■ 19.9449, -17.4779,  
6.9021

146.4549,  
-44.9593, 20.9575

■ 12.8890, -14.1913,  
5.4682

161.3824,

■ 6.3117, -11.0455,

-47.1063, 22.2381

4.4182

176.7853,  
-49.2336, 23.5291

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.8821, -31.3490,  
13.4190

■ 67.8821, -31.3490,  
13.4190

■ 66.7477, -36.2850,  
15.8749

■ 69.2269, -25.6858,  
11.0078

■ 65.8158, -40.4587,  
18.3420

■ 70.7781, -19.3412,  
8.6671

■ 65.0805, -43.8604,  
20.7875

■ 72.5350, -12.3763,  
6.4215

■ 64.5300, -46.5056,  
23.1765


■ 74.4928, -4.8581,  
4.2901


■ 64.1470, -48.4418,


■ 76.6455, 3.1443,


25.4735


2.2877

 63.9130, -49.6968,  
27.3953

 78.9853, 11.5625,  
0.4240

 81.5039, 20.3318,  
-1.2949

 81.9650, 22.4591,  
-5.8625

 82.3164, 24.2656,  
-10.8209

# Harmonies

## Analogous

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



67.8835, -23.1104, 23.2779



67.8821, -31.3490, 13.4190



67.8835, -32.5795, -1.7984

# Triad

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



67.8835, -31.3499, 13.4198



67.8835, 2.0130, -34.0335



67.8835, 22.9456, 20.5844

# Complementary

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



67.8821, -31.3490, 13.4190



51.7325, 31.1778, -3.6262

# 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.



67.8835, 31.1775, 8.7647



67.8821, -31.3490, 13.4190



67.8835, 18.3393, -24.3240

# Square

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



67.8835, -31.3499, 13.4198



67.8835, -14.3624, -31.9159



67.8835, 29.4144, -7.7223



67.8835, 7.8227, 26.6637



# Rectangle

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



67.8821, -31.3490, 13.4190



67.8835, -29.3958, -13.4583



67.8835, 29.4144, -7.7223



67.8835, 26.6740, 17.2859

# Sweetspot

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



67.8835, -31.3499, 13.4198



96.8070, -17.5945, 8.9075



69.5078, -26.8070, 28.2665



44.6376, -8.7277, 4.3026

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

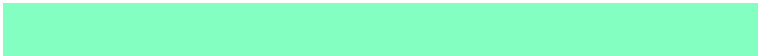


# Same Dimension

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



67.8835, -31.3499, 13.4198



89.5171, -47.7168, 20.7945



69.0498, -24.5469, -3.2406



34.6063, -5.2789, 2.8709



51.8497, -40.2029, 21.9789



11.3471, -8.3489, 3.8400



# Inverse Universe

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



51.7325, 31.1778, -3.6262



64.0574, 51.5171, -5.6525



50.6192, 25.7577, 12.2883



32.7457, 1.8316, 0.8582



28.9753, 51.6504, 2.9922

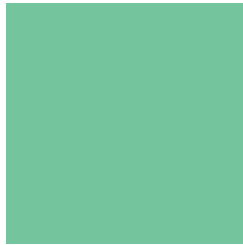


6.4200, 11.6560, -0.9796



# Previews

## White Background



This preview shows how the HunterLab color 67.8821, -31.3490, 13.4190 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

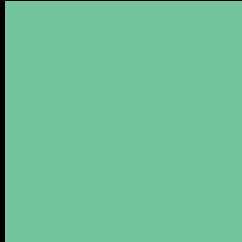
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.8821, -31.3490, 13.4190 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

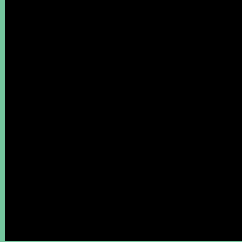
Any Text WCAG AA ✓ Pass

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 67.8821, -31.3490, 13.4190 Background



This preview shows how black text looks on a background with the HunterLab color 67.8821, -31.3490, 13.4190.



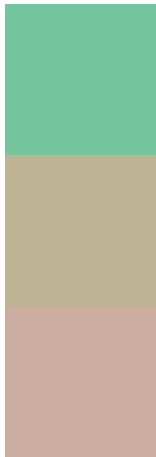
This preview shows how white text looks on a background with the HunterLab color 67.8821,

-31.3490, 13.4190.

# 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

67.8821, -31.3490, 13.4190

### Protanopia

67.3242, -4.6031, 16.7307

### Deuteranopia

67.3299, 5.0974, 11.4769



## Tritanopia

67.7291, -17.1749, -9.6831

# Trichromacy



## Original Color

67.8821, -31.3490, 13.4190



## Protanomaly

67.1853, -15.9531, 15.2825



## Deuteranomaly

66.9064, -10.1394, 11.5781



## Tritanomaly

67.8645, -22.8662, -0.1483

# Monochromacy



## Original Color

67.8821, -31.3490, 13.4190



## Achromatopsia

62.5758, -3.3389, 3.3999



## Achromatomaly

64.2729, -14.6768, 6.9487

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.8821, -31.3490, 13.4190 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, 197, 157)` looks like.

```
.text, #text, p{  
    color:rgb(116, 197, 157)  
}
```

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, 197, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 197, 157) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.8821, -31.3490, 13.4190 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, 197, 157) }
```



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

```
.border{ border-color:rgb(116, 197, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 197, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 197, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 197, 157);  
box-shadow:4px 4px 4px 4px rgb(116, 197,  
157) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.8821, -31.3490, 13.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 197, 157) }
```

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

```
.background{ background-color: rgb(116,  
197, 157) }
```

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