

# Converting Colors

HunterLab(67.4332, -13.1143,  
17.4699)

Have a look what the booklet for  
HunterLab(67.4332, -13.1143,  
17.4699) contains.

<b>HunterLab(67.5703, -13.1857, 17.5440)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(67.5703,  
-13.1857, 17.5440)**

# Conversions

Conversions Part 1	
Format	Color
Hex	ADB992
RGB	173, 185, 146
RGB Percent	68%, 73%, 57%
CMY	0.3216, 0.2745, 0.4274
CMYK	0.06, 0.00, 0.21, 0.27
HSL	78°, 22%, 65%
HSV	78°, 21%, 73%
XYZ	39.7708, 45.6575, 33.9108
YIQ	176.9660, 5.3670, -14.6730

# Conversions

## Conversions Part 2

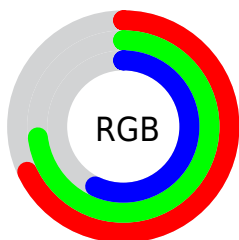
Format	Color
<a href="#">RYB</a>	<a href="#">146, 185, 158</a>
Decimal	<a href="#">11385234</a>
CIELab	<a href="#">73.32, -11.04, 18.44</a>
CIELCh	<a href="#">73, 21.489, 120.903</a>
Yxy	<a href="#">45.6595, 0.3333, 0.3826</a>
Android (android.graphics.Color)	<a href="#">4289575314</a> (0xFFADB992)
YUV	<a href="#">176.9660, -15.2662, -3.4782</a>
Hunter-Lab	<a href="#">67.5703, -13.1857, 17.5440</a>

# Details

The HunterLab color **67.5703, -13.1857, 17.5440** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.9740, 7.7225, -13.9946**, and the grayscale version is **66.3537, -3.5405, 3.6051**.

A 20% lighter version of the original color is **91.5089, -15.4160, 20.7130**, and **46.1756, -10.9832, 14.3596** is the 20% darker color. If you saturate the color by 10%, you get **66.7039, -17.1453, 22.8029**, and if you desaturate by 10%, it is **68.5169, -8.8814, 11.4660**.

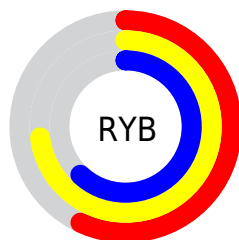
# Distribution



Red (68%)

Green (73%)

Blue (57%)



Red (57%)

Yellow (73%)

Blue (62%)

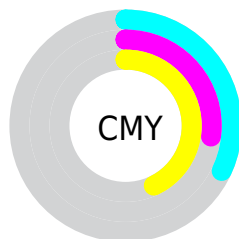


Cyan (6%)

Magenta (0%)

Yellow (21%)

Black (27%)



Cyan (32%)

Magenta (27%)


Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.5703, -13.1857, 17.5440 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 67.5703, -13.1857, 17.5440 by changing the saturation by 10% instead.





 67.5703, -13.1857,  
17.5440


 67.5703, -13.1857,  
17.5440


192.2077,  
-24.0355, 31.3641

 56.5484, -12.0137,  
15.9416


 91.4927, -15.5395,  
20.6731

 46.1996, -10.8355,  
14.2976


 104.3289,  
-16.7236, 22.2130

 36.5729, -9.6456,  
12.5957


117.7150,  
-17.9159, 23.7436

 27.7269, -8.4328,  
10.8100

131.6291,  
-19.1175, 25.2688

 19.7378, -7.1786,  
8.8992

146.0520,  
-20.3296, 26.7913

 12.7101, -5.8484,  
7.4182

160.9663,

 6.0662, -8.2515,

-21.5530, 28.3135

4.2463

176.3562,  
-22.7881, 29.8372

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.5703, -13.1857,  
17.5440

■ 67.5703, -13.1857,  
17.5440

■ 66.7039, -17.1453,  
22.8029

■ 68.5169, -8.8814,  
11.4660

■ 65.9127, -20.7469,  
27.2374

■ 69.5393, -4.2386,  
4.5777

■ 65.1969, -23.9879,  
30.8557

■ 70.6387, 0.7269,  
-3.1014

■ 64.5547, -26.8691,  
33.6770


■ 71.8144, 5.9991,  
-11.5468


■ 63.9833, -29.3969,


■ 73.0652, 11.5607,


35.7344


-20.7292


 63.4792, -31.5849,  
37.0775


 74.3026, 16.9402,  
-29.4110

 63.0372, -33.4562,  
37.7779

 74.8630, 18.7255,  
-28.4694

 62.6850, -34.9162,  
38.0149

 75.4390, 20.5478,  
-27.5105

 76.0305, 22.4060,  
-26.5350

# Harmonies

## Analogous

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



67.5718, -3.9112, 19.5069



67.5703, -13.1857, 17.5440



67.5718, -19.5770, 11.9689

# Triad

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



67.5718, -13.1874, 17.5448



67.5718, -12.6925, -14.3015



67.5718, 16.6746, 3.9651

# Complementary

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



67.5703, -13.1857, 17.5440



55.9740, 7.7225, -13.9946

# 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.



67.5718, 13.9947, -5.8176



67.5703, -13.1857, 17.5440



67.5718, -3.3064, -17.2450

# Square

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



67.5718, -13.1874, 17.5448



67.5718, -19.3031, -6.3878



67.5718, 6.5344, -13.9401



67.5718, 13.6624, 12.4000



# Rectangle

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



67.5703, -13.1857, 17.5440



67.5718, -21.5374, 6.5020



67.5718, 6.5344, -13.9401



67.5718, 16.4083, 0.7269

# Sweetspot

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



67.5718, -13.1874, 17.5448



92.3613, -8.8440, 10.8839



60.6156, 3.9788, 10.8207



42.8430, -4.2916, 5.3279



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



67.5718, -13.1874, 17.5448



89.9124, -19.9975, 26.6589



66.0498, -18.7642, 15.9595



32.1884, -3.7924, 4.8353



51.7630, -28.6582, 31.3944



9.8771, -4.7570, 6.0029



# Inverse Universe

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



55.9740, 7.7225, -13.9946



71.3166, 13.6219, -24.1584



57.8207, 13.6998, -11.1992



29.7488, 0.5866, -1.7471



17.3505, 43.4593, -95.3458



3.7388, 8.6516, -15.0161



# Previews

## White Background



This preview shows how the HunterLab color 67.5703, -13.1857, 17.5440 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

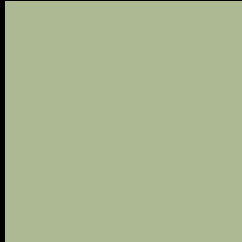
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.5703, -13.1857, 17.5440 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

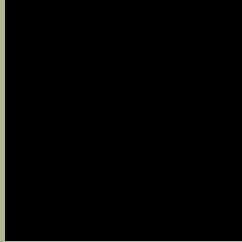
Any Text WCAG AA ✓ Pass

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 67.5703, -13.1857, 17.5440 Background



This preview shows how black text looks on a background with the HunterLab color 67.5703, -13.1857, 17.5440.



This preview shows how white text looks on a background with the HunterLab color 67.5703, -13.1857, 17.5440.

-13.1857, 17.5440.

# 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

67.5703, -13.1857, 17.5440

### Protanopia

67.6033, -5.3888, 18.7715

### Deuteranopia


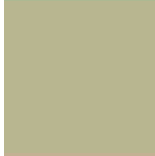
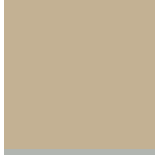

67.4056, 4.6528, 16.9727



## Tritanopia

67.6711, -0.8644, -2.5201

# Trichromacy

	<b>Original Color</b> 67.5703, -13.1857, 17.5440
	<b>Protanomaly</b> 67.5721, -8.5467, 18.3364
	<b>Deuteranomaly</b> 67.1960, -2.0543, 17.0138
	<b>Tritanomaly</b> 67.4755, -5.6741, 5.3872

# Monochromacy

	<b>Original Color</b> 67.5703, -13.1857, 17.5440
	<b>Achromatopsia</b> 66.3066, -3.5380, 3.6026
	<b>Achromatomaly</b> 66.8025, -7.0598, 9.0205

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.5703, -13.1857, 17.5440 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(173, 185, 146)` looks like.

```
.text, #text, p{  
    color:rgb(173, 185, 146)  
}
```

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(173, 185, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 185, 146) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.5703, -13.1857, 17.5440 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(173, 185, 146) }
```



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

```
.border{ border-color:rgb(173, 185, 146) }
```

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

Here you see how a box with a 4 pixel rgb(173, 185, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 185, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 185, 146);  
box-shadow:4px 4px 4px 4px rgb(173, 185,  
146) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.5703, -13.1857, 17.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 185, 146) }
```

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

```
.background{ background-color: rgb(173,  
185, 146) }
```

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