

# Converting Colors

HunterLab(69.6982, -16.3035,  
16.6558)

Have a look what the booklet for  
HunterLab(69.6982, -16.3035,  
16.6558) contains.

<b>HunterLab(69.6982, -16.3035, 16.6558)</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(69.6982,  
-16.3035, 16.6558)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAC09A
RGB	170, 192, 154
RGB Percent	67%, 75%, 60%
CMY	0.3333, 0.2470, 0.3961
CMYK	0.11, 0.00, 0.20, 0.25
HSL	95°, 23%, 68%
HSV	95°, 20%, 75%
XYZ	41.2599, 48.5784, 37.7738
YIQ	181.0900, -0.9140, -16.4820

# Conversions

## Conversions Part 2

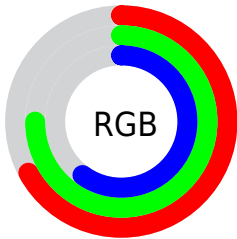
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 192, 176
Decimal	11190426
CIELab	75.19, -14.47, 16.69
CIELCh	75, 22.088, 130.918
Yxy	48.5805, 0.3233, 0.3807
Android (android.graphics.Color)	4289380506 (0xFFAAC09A)
YUV	181.0900, -13.3554, -9.7259
Hunter-Lab	69.6982, -16.3035, 16.6558

# Details

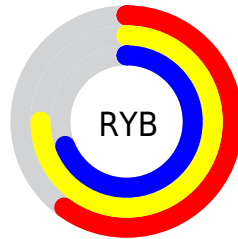
The HunterLab color  $69.6982, -16.3035, 16.6558$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $60.1236, 10.5005, -11.9486$ , and the grayscale version is  $68.0695, -3.6320, 3.6983$ .

A 20% lighter version of the original color is  $93.6464, -19.0096, 19.5901$ , and  $47.9664, -13.2062, 13.4642$  is the 20% darker color. If you saturate the color by 10%, you get  $68.4134, -21.9204, 21.9709$ , and if you desaturate by 10%, it is  $71.1085, -10.2318, 10.5878$ .

# Distribution



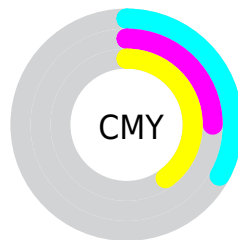
- Red (67%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.6982, -16.3035, 16.6558 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 69.6982, -16.3035, 16.6558 by changing the saturation by 10% instead.



■ 69.6982, -16.3035,  
16.6558

■ 69.6982, -16.3035,  
16.6558

195.2149,  
-28.4930, 29.7658

■ 58.5549, -14.9455,  
15.1607

■ 93.8446, -18.9995,  
19.5943

■ 48.0771, -13.5692,  
13.6348

■ 106.7852,  
-20.3429, 21.0482

■ 38.3115, -12.1661,  
12.0648

120.2713,  
-21.6877, 22.4977

■ 29.3147, -10.7211,  
10.4299

134.2818,  
-23.0360, 23.9458

■ 21.1590, -9.2099,  
8.6965

148.7976,  
-24.3895, 25.3950

■ 13.9421, -7.5886,  
6.9355

163.8017,

■ 7.5797, -8.7217,

-25.7495, 26.8471

5.3058

179.2789,  
-27.1171, 28.3036

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.6982, -16.3035,  
16.6558

■ 69.6982, -16.3035,  
16.6558

■ 68.4134, -21.9204,  
21.9709

■ 71.1085, -10.2318,  
10.5878

■ 67.2511, -27.0463,  
26.5064

■ 72.6375, -3.7352,  
3.7969

■ 66.2132, -31.6565,  
30.2501

■ 74.2837, 3.1482,  
-3.6773

■ 65.2993, -35.7314,  
33.2029

■ 76.0437, 10.3816,  
-11.7921

■ 64.5074, -39.2606,

■ 77.9138, 17.9287,

35.3827

-20.5024

■ 63.8338, -42.2450,  
36.8279

■ 79.2936, 22.7022,  
-21.4830

■ 63.2732, -44.7000,  
37.6033

■ 80.5263, 26.5445,  
-19.5732

■ 62.8126, -46.6878,  
37.8767

■ 81.3518, 29.0883,  
-18.3132

■ 62.8038, -46.7258,  
37.8814

# Harmonies

## Analogous

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



69.6997, -7.4584, 19.9641



69.6982, -16.3035, 16.6558



69.6997, -21.5798, 9.7134

# Triad

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



69.6997, -16.3051, 16.6567



69.6997, -10.1212, -16.6126



69.6997, 16.9517, 7.2909

# Complementary

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



69.6982, -16.3035, 16.6558



60.1236, 10.5005, -11.9486

# 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.



69.6997, 16.1354, -2.6950



69.6982, -16.3035, 16.6558



69.6997, 0.0933, -17.5135

# Square

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



69.6997, -16.3051, 16.6567



69.6997, -18.1563, -9.8048



69.6997, 9.8208, -12.1113



69.6997, 11.9902, 15.1069



# Rectangle

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



69.6982, -16.3035, 16.6558



69.6997, -22.5565, 3.4896



69.6997, 9.8208, -12.1113



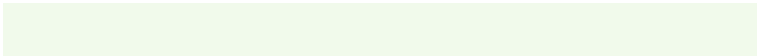
69.6997, 17.3510, 4.0969

# Sweetspot

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



69.6997, -16.3051, 16.6567



96.4578, -10.6039, 10.9833



66.6404, -1.4245, 13.8381



44.6152, -5.1750, 5.3608



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

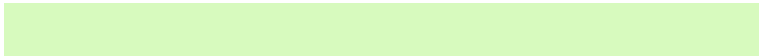


# Same Dimension

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



69.6997, -16.3051, 16.6567



93.0037, -25.4975, 25.8338



68.5492, -20.4281, 14.4720



33.8546, -4.7416, 4.9079



51.5591, -38.1516, 31.1025



10.9044, -7.1584, 6.5939



# Inverse Universe

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



60.1236, 10.5005, -11.9486



77.2277, 18.7386, -21.4568



61.6550, 15.2392, -8.2972



31.6693, 1.3611, -1.5887



22.1109, 49.4472, -75.4913

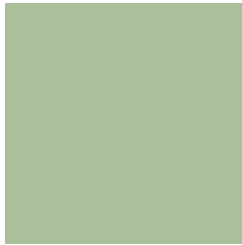


5.0105, 10.7889, -13.8802



# Previews

## White Background



This preview shows how the HunterLab color 69.6982, -16.3035, 16.6558 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 69.6982, -16.3035, 16.6558 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

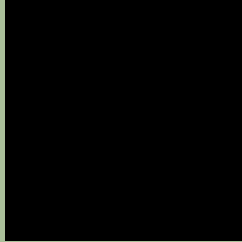
Any Text WCAG AA ✓ Pass

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 69.6982, -16.3035, 16.6558 Background



This preview shows how black text looks on a background with the HunterLab color 69.6982, -16.3035, 16.6558.



This preview shows how white text looks on a background with the HunterLab color 69.6982,

-16.3035, 16.6558.

# 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

69.6982, -16.3035, 16.6558

### Protanopia

69.4397, -4.7885, 18.0679

### Deuteranopia

69.5854, 5.0662, 15.7880



## Tritanopia

69.7388, -4.0076, -3.5539

# Trichromacy



## Original Color

69.6982, -16.3035, 16.6558

## Protanomaly

69.5268, -9.0941, 17.7155

## Deuteranomaly

69.3813, -3.1735, 15.8190

## Tritanomaly

69.5586, -8.8515, 4.5206

# Monochromacy



## Original Color

69.6982, -16.3035, 16.6558

## Achromatopsia

67.9762, -3.6270, 3.6933

## Achromatomaly

68.5458, -8.4188, 8.7647

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.6982, -16.3035, 16.6558 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(170, 192, 154)` looks like.

```
.text, #text, p{  
    color:rgb(170, 192, 154)  
}
```

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(170, 192, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 192, 154) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.6982, -16.3035, 16.6558 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(170, 192, 154) }
```



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

```
.border{ border-color:rgb(170, 192, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 192, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 192, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 192, 154);  
box-shadow:4px 4px 4px 4px rgb(170, 192,  
154) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.6982, -16.3035, 16.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 192, 154) }
```

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

```
.background{ background-color: rgb(170,  
192, 154) }
```

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